

# **General Catalogue**

## **Southeastern Louisiana University**

**Southeastern Louisiana University**

**Hammond, Louisiana**

**Effective June 1, 2018**

This document is not the officially recognized version of the University Catalogue.

For the official version, please see:

[http://www.southeastern.edu/resources/catalogue\\_2018\\_2019/index.html](http://www.southeastern.edu/resources/catalogue_2018_2019/index.html)

# Table of Contents

Notification to All Applicants for Admission and Students.....	23
University of Louisiana System Board of Supervisors .....	24
University Calendar Summer 2018 .....	26
University Calendar Fall 2018.....	27
University Calendar Spring 2019 .....	28
Registration Procedures .....	29
Terminology, Definitions, and Responsibilities .....	29
Administrative Officers and Staff.....	30
Faculty .....	32
Adjunct Faculty and Scholars /Artists in Residence .....	55
Retired Faculty Members.....	56
Laboratory School Faculty.....	73
Retired Laboratory School Faculty.....	74
General Information.....	75
Historical Sketch of the University.....	75
University Role, Scope, and Mission.....	78
Southeastern Louisiana University's Vision 2017 will transform to Vision 2025.....	79
Mission Statement .....	79
Core Values.....	79
Preparing for Vision 2025 .....	79
University Classifications .....	80
Degrees.....	80
Accreditations.....	80
Specialty Accreditations.....	81
Civil Rights Compliance.....	82
Honors Program .....	82
Horticulture Facilities .....	82
International Initiatives .....	82
Linus A Sims Memorial Library .....	83
Turtle Cove Environmental Research Station .....	83
Louisiana Universities Marine Consortium (LUMCON) and.....	84
Gulf Coast Research Laboratory.....	84
Baton Rouge Nursing Center.....	84
Livingston Parish Literacy and Technology Center .....	84
University Health Center.....	84
Student Insurance .....	85
Athletics.....	85
University Advancement .....	86

The Alumni Association .....	86
The Development Office and Southeastern Louisiana University Foundation .....	86
The Southeastern Channel .....	86
Office of Technology .....	87
Center for Faculty Excellence .....	88
The Orr Research Fund .....	89
The Office of Experiential Learning .....	89
The Office of Online Learning .....	89
Office of Disability Services .....	89
Office of Testing .....	89
Vocational Rehabilitation .....	90
Policy for Official Communication by Email .....	90
Computer Policies .....	90
Admission Criteria and Academic Regulations .....	91
Student Responsibility .....	91
The University Year .....	91
Admission to the University .....	91
Definitions of Entry Status .....	92
Admission Criteria and Academic Regulations .....	92
Undergraduate Applicants .....	92
Special Program Options for New Students .....	95
Transfer Students from Other Universities or Colleges .....	98
Evaluation of Transfer Credit .....	99
Student-Athlete Eligibility and Retention .....	103
Academic Renewal .....	103
Academic Renewal at Another University .....	104
Non-Resident Fee Waiver .....	104
Registration Procedures .....	106
Registration .....	106
Terminology, Definitions, and Responsibilities .....	106
Auditing Classes .....	107
Dropping and Adding Courses .....	107
Changes in Major .....	108
Resignation from the University .....	108
Leave of Absence .....	108
Classification .....	109
Scholastic Ratings .....	109
Quality Points and Grade Point Average .....	110
Repeating Courses .....	110

Appeal and Change of Grade .....	111
Academic Warning, Probation, Suspension and Readmission Regulations for Undergraduates* .....	112
Warning.....	112
Probation.....	112
Suspension.....	112
Readmission after Suspension .....	113
Information Shown on Transcripts for Students Transferring.....	113
Definition of a Full- and Part-Time Student .....	113
Maximum and Minimum Credit Hours .....	113
Examinations.....	114
Reports to Students.....	114
Transcripts.....	114
Academic Integrity .....	114
Computer Use Policy .....	115
Class Attendance Regulations.....	116
Southeastern Attendance Procedures .....	116
Credit by Examination and Advanced Placement.....	116
General .....	116
College Level Examination Program Subject Examinations (CLEP).....	117
Credits through the DANTES Subject Standardized Test.....	118
League for Nursing .....	118
Southeastern Louisiana University Departmental Credit Examinations .....	118
Cambridge International A-Level Coursework.....	121
International Baccalaureate Credit.....	121
Correspondence and Extension Credit .....	122
United States Armed Forces Institute (USAFI) Courses.....	122
Military Experience .....	122
Proficiency in English and Mathematics.....	122
General Education Requirements.....	123
Natural Science Two-Course Sequence .....	123
Graduation Requirements.....	124
Candidates for a Second Baccalaureate Degree, Double Degree, Double Major, Minor .....	125
Credit Toward the Degree.....	125
Participation in Student Assessment Activities .....	126
Graduation Under a Particular Catalogue .....	126
Conferring of Degrees .....	126
Family Educational Rights and Privacy Act.....	127
Fees and Expenses.....	130
Payment of Fees .....	130

Fee Schedule .....	130
Other Registration Fees.....	130
Room Rent and Cost of Meals Per Semester.....	131
Fall and Spring Semesters.....	131
Housing** .....	131
Campus Dining Services.....	131
Other Expenses.....	132
Graduation Fees.....	132
Motor Vehicle Registration.....	132
Refund of Fees.....	133
Workshops and Institutes.....	134
Issuance of Refunds.....	134
Financial Aid Authorization .....	134
Installment Plan.....	134
Check Policy.....	135
Delinquent Student Accounts.....	135
Financial Responsibility Statement .....	136
Student Residence Regulations.....	137
Definition of a Resident Student.....	137
Veterans Access, Choice, and Accountability Act of 2014. 38 U.S.C.3679(c).....	139
Appeals Committee .....	139
Financial Aid.....	140
General Information.....	140
Repeat Course Policy for Financial Aid (Undergraduates)*:.....	140
Federal Pell Grants.....	140
Federal Supplemental Educational Opportunity Grant Program (SEOG).....	140
Teacher Education Assistance for College and Higher Education (TEACH) Grant.....	141
Louisiana Go Grant.....	141
Federal Perkins Loan Program .....	141
Luther L. Ricks Memorial Loans and Tinsley Memorial Loans (Emergency Loans) .....	141
William G. Ford Federal (Direct Loan) Program .....	141
Federal Work-Study Program (FWSP).....	142
State Work Study.....	143
Satisfactory Academic Progress .....	143
Scholarships.....	143
Scholarships.....	144
General Information.....	144
Academic Scholarships .....	144
State Supported Scholarships.....	146

Fee Waiver Scholarships .....	147
Veteran Services .....	147
Auxiliary Services .....	149
Housing and Living Accommodations .....	149
Off-Campus Housing Permission .....	149
University Residence Halls .....	149
Living-Learning Communities.....	150
Application for Rooms in University Housing Facilities .....	150
Claiming University Housing Assignments .....	151
Dining Services.....	151
Meal Plans.....	151
Campus Dining Services Locations.....	152
Campus Card Operations .....	152
Document Source Print and Mail Center .....	153
Textbook Rental .....	153
Textbook Rental System Appeals Process for Overdue Books .....	154
University Bookstore.....	154
Event and Conference Services.....	155
Student Union.....	155
University Center.....	155
The Division for Student Affairs .....	156
Student Affairs Mission Statement .....	156
Student Development .....	156
Student Engagement .....	156
Departmental Organizations .....	156
Honor Societies .....	157
Religious.....	157
Service Organizations.....	157
Sports.....	157
Special Interest.....	157
Fraternities .....	157
Sororities .....	157
Multicultural and International Student Affairs .....	158
Campus Activities Board.....	158
Recreational Sports and Wellness .....	158
Student Publications.....	158
Office of Career Services.....	158
University Counseling Center .....	159
Student Advocacy and Accountability .....	159

University Police Department.....	160
The Center for Student Excellence.....	162
The College of Arts, Humanities and Social Sciences.....	163
Graduation Requirements.....	163
Degrees Awarded.....	163
Honors Diploma in the Discipline.....	163
The Major and Minor Programs.....	163
Pre-Professional Programs.....	163
Center for Southeast Louisiana Studies.....	164
Department of English.....	165
Placement in English.....	165
Majors.....	165
Honors Diploma in the Discipline.....	166
Minors.....	166
Department of History and Political Science.....	169
Major in History.....	169
Major in Political Science.....	169
Honors Diploma in the Discipline.....	169
Minors.....	169
General Requirements for Courses.....	169
Department of Languages and Communication.....	173
Foreign Languages and Literatures.....	173
Entrance into Foreign Language Courses.....	173
Majors.....	173
Minors.....	173
Honors Diploma in the Discipline.....	174
Foreign Study Opportunities.....	175
Foreign Language Resource Center (FLRC).....	175
Certification Requirements.....	177
Communication.....	177
Major.....	177
Communication Electives.....	177
Special Recommendations for Communication Majors.....	178
Honors Diploma in the Discipline.....	178
Minors.....	179
Department of Music and Performing Arts.....	180
Bachelor of Music Degree.....	180
Music Education.....	180
Recitals and Concerts.....	180



Ensemble Experience Requirements .....	180
Upper-Division Performance Exam .....	180
Minor in Music .....	181
Music Therapy .....	181
Honors Diploma in the Discipline .....	181
Dance .....	188
Minor in Dance .....	188
Department of Psychology .....	189
Majors .....	189
Minors .....	189
Honors Diploma in the Discipline .....	189
Department of Sociology and Criminal Justice .....	193
Major in Sociology .....	193
Major in Criminal Justice .....	193
Honors Diploma in the Discipline .....	193
Minors .....	193
Department of Visual Art + Design .....	196
Areas of Emphasis and Areas of Concentration .....	196
Art Minors .....	196
Honors Diploma in the Discipline .....	197
General Studies Program .....	210
General Studies Degree Program .....	210
Honors Diploma in the Discipline .....	211
The College of Business .....	213
Degree Requirements .....	213
Degrees Granted .....	214
Honors Diploma in the Discipline .....	214
Professional Societies .....	214
Department of Accounting and Finance .....	217
Major in Accounting .....	217
Selection and Retention Policies .....	217
Honors Diploma in the Discipline .....	217
Minor in Accounting .....	217
CPA Examination Education Requirement .....	217
Major in Finance .....	219
Honors Diploma in the Discipline .....	219
Minor in Finance .....	219
Department of Management and Business Administration .....	221
Major in Management .....	221

Honors Diploma in the Discipline .....	221
Minor in Management .....	221
Minor in Administrative Supervision .....	221
Major in Business Administration .....	224
Honors Diploma in the Discipline .....	225
Minor in Economics .....	225
Department of Marketing and Supply Chain Management .....	227
Major in Marketing .....	227
Honors Diploma in the Discipline .....	227
Minor in Marketing .....	227
Major in Supply Chain Management .....	229
Honors Diploma in the Discipline .....	229
Minor in Supply Chain Management .....	230
The College of Education .....	231
Selective Admission and Retention in Teacher Education Policies and Procedures .....	231
Policy for Student Portfolios College of Education .....	232
Additional College of Education Graduation Requirements .....	233
Degrees Conferred .....	233
Honors Diploma in the Discipline .....	233
Alternative Teacher Certification Programs .....	233
Departmental Curricula .....	234
Requirements for Student Teaching Residency .....	234
Student Teaching Residency Semesters .....	234
Department of Teaching and Learning .....	236
The Southeastern Laboratory School .....	236
School Librarians .....	236
English as a Second Language .....	236
Honors Diploma in the Discipline .....	236
International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP) .....	237
Department of English .....	248
Honors Diploma in the Discipline .....	248
Department of History and Political Science .....	249
Honors Diploma in the Discipline .....	249
Department of Kinesiology and Health Studies .....	250
The College of Nursing and Health Sciences .....	252
Graduation Requirements .....	252
The Department of Health and Human Sciences Capstone Courses .....	253
The Department of Kinesiology and Health Studies Capstone Courses .....	254

The School of Nursing Capstone Courses .....	254
School of Nursing .....	256
Undergraduate Program Goals .....	256
Undergraduate Program Outcomes .....	256
General Requirements.....	256
Fees .....	259
Class/Clinical Laboratory Experiences.....	259
Degrees.....	259
Achievement Examinations.....	259
Baccalaureate Program in Nursing for Students with Prior Bachelor's Degree .....	259
Baccalaureate Program in Nursing for Registered Nurses .....	259
Baccalaureate Program in Nursing for Licensed Practical Nurses.....	260
Honors Diploma in the Discipline .....	260
Department of Health and Human Sciences .....	262
Internship, Clinical, and Field Study Requirements .....	262
Bachelor of Science Communication Sciences and Disorders .....	262
Retention Policy and Procedures.....	262
Speech-Language-Hearing Clinic .....	262
Honors Diploma in the Discipline .....	262
Bachelor of Science Family and Consumer Sciences .....	264
Honors Diploma in the Discipline .....	264
Minors .....	267
Bachelor of Science.....	268
Health Systems Management.....	268
Bachelor of Arts Social Work .....	271
Department of Kinesiology and Health Studies .....	275
Senior Internship .....	275
Honors Diploma in the Discipline .....	276
Bachelor of Science in Athletic Training.....	276
Bachelor of Science in Kinesiology .....	279
Bachelor of Science.....	281
in Health Education and Promotion.....	281
The College of Science and Technology.....	285
Graduation Requirements.....	285
Associate Degree .....	285
Baccalaureate Degree .....	285
Degrees Awarded.....	286
Honors Diploma in the Discipline .....	286
The Institute of Biodiversity and Interdisciplinary Studies .....	286

Interdisciplinary Environmental Studies Program .....	286
Post-Baccalaureate Certificate in Sustainability .....	287
Pre-Professional .....	288
Department of Biological Sciences .....	291
Major in Biological Sciences .....	291
Selection and Retention Policies.....	291
Honors Diploma in the Discipline .....	291
Minor .....	291
Electives.....	291
Department of Chemistry and Physics .....	299
Chemistry Safety Policy.....	299
Chemistry .....	299
Chemistry Progression Policy .....	299
Honors Diploma in the Discipline .....	300
Physics.....	305
Physics Progression Policy.....	305
Honors Diploma in the Discipline .....	305
Dual Degree Program in Engineering and Physics.....	307
University of New Orleans/Southeastern Louisiana University .....	307
Department of Computer Science.....	309
Computer Science and Information Technology.....	309
Majors .....	309
Progression Requirements for the Discipline.....	309
Honors Diploma in the Discipline .....	309
Minors .....	309
Department of Industrial and Engineering Technology .....	313
Engineering Technology .....	313
Engineering Technology Concentrations.....	313
Honors Diploma in the Discipline .....	313
Major .....	313
Industrial Technology.....	317
Pre-Professional Program: Pre-Architecture .....	317
Manufacturing Technology Concentrations .....	317
Honors Diploma in the Discipline .....	317
Minors .....	317
Bachelor's Degree Program in Industrial Technology.....	318
Associate Degree Program in Industrial Technology.....	321
Occupational Safety, Health, and Environment .....	323
Typical Elements .....	323

Minors .....	323
Department of Mathematics .....	325
Placement in Mathematics .....	325
Progression Policy .....	325
Major in Mathematics .....	326
Honors Diploma in the Discipline .....	326
Minors .....	326
The University Honors Program .....	331
The Path to the Honors Diploma .....	332
Honors Courses .....	332
Senior Thesis .....	333
Honors Research Scholars and Honors Creative Scholars .....	333
Graduate Studies .....	334
Initial Statement of Purpose .....	334
Degrees .....	334
Admission to Graduate Studies .....	334
Admission Procedure .....	335
Admission Classifications .....	335
Change of Status .....	337
Application Procedures .....	337
General Regulations .....	338
Grade Point Average .....	338
Graduate Credit .....	338
Graduate Credit for Southeastern Seniors .....	338
Transfer Credit .....	339
Off-Campus Credit .....	339
Correspondence Study .....	339
Standardized Test for Admission .....	339
Eligibility of Faculty and Staff for Graduate Degree .....	339
Graduate Assistantships .....	339
Full-Time Status .....	340
Course Loads .....	340
Adding and Dropping Courses .....	340
Combined Courses .....	340
The Graduate Grading System .....	340
“D” and “F” Grades .....	341
Incomplete Grades .....	341
Pass-Fail Option .....	341
Good Standing – Grade Requirement .....	341

Appeals of Grades.....	341
Probation, Suspension, Readmission, and Dismissal.....	342
Graduate Faculty Advisor Committee .....	342
General Requirements for the Master's Degree Time Limitations .....	342
Hours Required .....	342
Course Level .....	343
Student Advising.....	343
Degree Plan .....	343
Effective Catalogue.....	343
Admission to Candidacy for the Master's Degree.....	343
Thesis.....	344
Leave of Absence from Thesis.....	344
Comprehensive Examination .....	344
Requirements for a Second Master's Degree .....	345
Graduation Requirements for the Master's Degree .....	345
Applying for Graduation .....	345
Checklist for Graduate Students .....	345
Certification-Only Alternative Teacher Certification Programs .....	347
College of Education.....	347
Add-On Teacher Certification.....	350
College of Education.....	350
Biological Sciences.....	351
College of Science and Technology.....	351
Leading to the Degree of Master of Science (M.S.).....	351
Business.....	353
College of Business.....	353
Leading to the Degree of .....	353
Master of Business Administration (M.B.A.) .....	353
Purpose.....	353
Objectives.....	353
Admission Requirements .....	353
Regular Admission .....	353
General MBA Graduate Course Requirements .....	354
Graduate Credit for Southeastern Seniors .....	354
Transfer Credit.....	354
Course Loads .....	355
Guest Student Policy .....	355
Executive MBA Program.....	355
Concentration in Health Care Management .....	355

Graduate Business Programs Faculty Advisory Committee .....	356
Post-Baccalaureate Certification Program in Business Administration .....	356
Communication Sciences and Disorders (CSD).....	357
College of Nursing and Health Sciences.....	357
Leading to the Degree of Master of Science (M.S.).....	357
Purposes .....	357
Communication Sciences and Disorders.....	357
Program Admission Requirements.....	357
Requirements for Degree.....	358
Graduate Progression and Retention Policies.....	358
Counseling .....	360
College of Nursing and Health Sciences.....	360
Leading to the Degree of Master of Science (M.S.).....	360
Counseling Program Overview .....	360
Admission Requirements .....	360
Program Application Admission Deadlines.....	360
Admission Notification .....	361
Guest Student Policy .....	361
Counseling Program Concentration Curricula .....	361
Curriculum and Instruction.....	363
College of Education.....	363
Leading to the Degree of Master of Education (M.ED.) .....	363
Purposes .....	363
Admission Requirements .....	363
Requirements for Degree.....	363
Curriculum .....	363
Concentration Courses and Support Courses for Curriculum and Instruction.....	364
Concentration in Early Childhood Education (Grades PK-3) .....	364
Concentration in Elementary Education .....	364
Concentration in English as a Second Language.....	364
Concentration in International Baccalaureate.....	365
Concentration in Library Science .....	365
Concentration in Literacy Education (Elementary/Secondary).....	365
Concentration in Master Teacher Leader .....	365
Concentration in Middle School Education (Grades 4-8).....	366
Concentration in Secondary Biology Education (Grades 6-12).....	366
Concentration in Secondary Chemistry (Grades 6-12).....	366
Concentration in Secondary English Education (Grades 6-12).....	366
Concentration in Secondary Foreign Language Education (Grades 6-12).....	367

Concentration in Secondary Mathematics Education (Grades 6-12) .....	367
Concentration in Secondary Social Studies (Grades 6-12).....	367
Educational Leadership and Technology .....	368
College of Education.....	368
Leading to the Degree of Master of Education (M.Ed.).....	368
Purposes .....	368
Program Description Program Overview .....	368
Cohort Design.....	368
Admissions Requirements .....	368
Requirements for Completion of the.....	369
Master of Education Degree in Educational Leadership .....	369
Louisiana's Certification Structure for Educational Leadership .....	369
Certification Levels .....	369
Educational Leadership Curriculum .....	370
English .....	371
College of Arts, Humanities and Social Sciences.....	371
Leading to the Degree of Master of Arts (M.A.).....	371
Purposes .....	371
Admission Requirements .....	371
Requirements for Degree.....	372
Health and Kinesiology .....	374
College of Nursing and Health Sciences.....	374
Leading to the Degree of Master of Science (M.S.).....	374
Purposes .....	374
Admission Requirements .....	374
Requirements for Degree.....	374
Exercise Science Concentration .....	374
Health Studies Concentration .....	375
Health Promotion and Exercise Science Concentration .....	375
Kinesiology Concentration .....	375
History.....	376
College of Arts, Humanities and Social Sciences.....	376
Leading to the Degree of Master of Arts (M.A.).....	376
Purposes .....	376
Requirements for Admission.....	376
Degree Plan/Candidate Status/Application for Graduation .....	376
Requirements for Registering for Courses .....	376
Requirements for the History Degree.....	377
Comprehensive Examination .....	378



Master's Thesis .....	378
Graduate Faculty .....	378
Graduate Coordinator .....	378
Integrated Science and Technology .....	379
College of Science and Technology .....	379
Leading to the Degree of Master of Science (M.S.) .....	379
Purpose .....	379
Requirements for Admission .....	379
Academic Standards Policy .....	379
Degree Requirements .....	380
Music .....	383
College of Arts, Humanities and Social Sciences .....	383
Leading to the Degree of Master of Music (M.MUS.) .....	383
Purposes .....	383
Admission Requirements .....	383
Requirements for Degree .....	383
Master of Music - Concentration in Instrumental Conducting .....	384
Master of Music – Concentration in Choral Conducting .....	385
Master of Music – Concentration in Music Theory .....	386
Master of Music – Concentration in Performance .....	387
Nursing .....	389
College of Nursing and Health Sciences .....	389
Leading to the Degree of Master of Science in Nursing (M.S.N.) .....	389
Intercollegiate Consortium for a Master of Science in Nursing .....	389
Description of the Program .....	389
Purposes .....	389
Admission Requirements .....	389
Retention and Progression Requirements .....	390
Admission Procedures .....	391
Registration Procedures .....	391
Graduation Requirements .....	391
Residency Requirements .....	391
Requirements for Degree .....	391
Concentrations .....	392
Post-Master's Certificate Program .....	394
Organizational Communication .....	397
College of Arts, Humanities and Social Sciences .....	397
Leading to the Degree of Master of Arts (M.A.) .....	397
Purposes .....	397

Admission Requirements .....	397
Requirements for Degree.....	397
Communication Core Requirements .....	398
Electives.....	398
Concentrations .....	399
Psychology .....	400
College of Arts, Humanities and Social Sciences.....	400
Leading to the Degree of Master of Arts (M.A.).....	400
Purposes .....	400
Requirements for Admission.....	400
Requirements for Degree.....	400
Course Requirements.....	400
Thesis Plan.....	401
Thesis Committee.....	401
Major Professor .....	402
Progression .....	402
Non-Thesis Plan.....	402
Non-Thesis Project Committee .....	402
Major Professor .....	402
Progression .....	403
Sociology (Applied Sociology) .....	404
College of Arts, Humanities and Social Sciences.....	404
Leading to the Degree of Master of Science (M.S.).....	404
Purpose.....	404
Admission Requirements .....	404
Requirements for Registering for Class .....	404
Degree Plan .....	404
Admission to Candidacy .....	405
Requirements for the Applied Sociology Degree.....	405
Areas of Concentration .....	405
Graduate Faculty .....	406
Graduate Coordinator .....	407
Graduate Faculty Advisory Committee.....	407
Major Professor .....	407
Internship/Thesis Committee .....	407
Graduate Assistants .....	407
Special Education.....	408
College of Education.....	408
Leading to the Degree of Master of Education (M.Ed.).....	408

Purposes .....	408
Admission Requirements .....	408
Curriculum .....	408
Master of Education, Special Education .....	408
Master of Arts in Teaching .....	411
College of Education .....	411
Leading to the Degree of Master of Arts in Teaching (M.A.T.) .....	411
Purpose .....	411
Requirements for Admission - Early Intervention Birth - 5 .....	411
Requirements for Admission – MAT Elementary Grades 1-5 .....	411
Courses in the MAT Program (Elementary Grades 1-5) .....	412
SARTE Status .....	413
Teacher Certification .....	413
Student Teaching .....	414
Requirements for Student Teaching .....	414
Internship Year .....	414
Requirements to Receive the MAT Degree .....	415
Doctor of Education .....	416
In Educational Leadership .....	416
Program Overview .....	416
Program Admission Requirements .....	416
Doctoral Program Curriculum .....	417
Program Elements .....	418
Doctor of Nursing Practice .....	419
Purposes .....	419
Admission Procedures .....	419
Admission Requirements .....	419
Residency Requirements .....	420
Registration Procedures .....	420
BSN to DNP Curriculum .....	420
Post-Master's DNP Curriculum .....	421
Course Descriptions .....	423
Accounting (ACCT) .....	423
Applied Computing Technology Software (ACTS) .....	425
Anthropology (ANTH) .....	426
Visual Arts (ART) .....	426
Departmental Honors Course (ART) .....	434
Athletic Training (ATHT) .....	434
Athletic Training Lab (ATLB) .....	437

Botany (BOT & BOTL).....	438
Business Law (BLAW).....	439
Career Planning (CPL).....	440
Chemistry (CHEM & CLAB).....	440
Communication (COMM).....	445
Communication Sciences and Disorders (CSD).....	450
Computer Science (CMPS).....	456
Construction Technology (CTEC).....	461
Counselor Education (CED).....	462
Counseling (COUN).....	462
Criminal Justice (CJ).....	464
Cultural Resource Management (CRMP).....	466
Dance (DNC).....	466
Design Drafter Technology (DDT).....	468
Early Childhood Education (ECE).....	469
Earth and Space Science (ESSC & ESSL).....	471
Economics (ECON).....	471
Education (EDUC).....	474
Educational Foundations (EDF).....	485
Educational Leadership (EDL).....	486
Educational Psychology (EPSY).....	490
Educational Technology (ETEC).....	491
English (ENGL).....	494
English for International Students (EGIS).....	501
Engineering Technology (ET).....	502
Family and Consumer Sciences (FCS).....	507
Finance (FIN).....	510
Foreign Language (FLAN).....	512
French (FREN).....	513
General Biology (GBIO & BIOL).....	514
Gulf Coast Research Laboratory.....	520
Louisiana Universities Marine Consortium.....	520
Environmental Health Sciences Partnership with Tulane University.....	521
General Business (GB).....	522
General Business Business Technology (GBBT).....	522
Geography (GEOG).....	522
German (GERM).....	524
Health Sciences (HSCI).....	525
Health Studies (HS).....	525

Health Systems Management (HSM).....	529
History (HIST).....	533
Honors (HONR).....	540
Horticulture (HORT).....	542
Humanities (HUM).....	543
International Baccalaureate (IB).....	543
Industrial Technology (IT).....	546
Industrial Technology Education (ITE).....	548
Integrated Science and Technology (ISAT).....	548
Italian (ITAL).....	549
Kinesiology (KIN).....	550
Kinesiology Laboratory (KINL).....	556
Laboratory Courses For Health and PE Majors.....	557
Latin (LAT).....	558
Leadership Training (LT).....	559
Library Science (LS).....	559
Library Science Administration (LSA).....	559
Library Science Education (LSED).....	560
Management (MGMT).....	560
Marketing (MRKT).....	563
Marriage, Couple, and Family Counseling (MCFC).....	565
Master of Arts in Teaching (MAT).....	566
Math Education (MTED).....	569
Mathematics (MATH).....	570
Microbiology (MIC & MICL).....	574
Military Science (MS).....	577
Music (MUS).....	578
Applied Music (MUSA).....	583
Mythology (MYTH).....	584
Nursing (NURS & NLAB).....	584
Occupational Safety, Health, and Environment (OSHE).....	593
Operations Management and Information Systems (OMIS).....	596
Philosophy (PHIL).....	598
Physical Science (PHSC).....	599
Physics (PHYS & PLAB).....	600
Political Science (POLI).....	602
Process Technology (PTEC).....	605
Psychology (PSYC).....	605
Publishing Studies (PUBL).....	610

Safety Education (SAFT) .....	610
Scientific Computation (SC).....	611
Social Work (SW) .....	612
Sociology (SOC).....	614
Southeastern (SE) .....	618
Spanish (SPAN) .....	618
Special Education (SPED).....	619
Substance Abuse Counseling (SAC) .....	627
Theatre (THEA) .....	627
Theatre Laboratory Courses (TLAB).....	628
Zoology (ZOO & ZOOL).....	628
Index .....	633

# Notification to All Applicants for Admission and Students

The provisions in this catalogue do not constitute a contract between Southeastern Louisiana University and the student, but rather reflect the general nature of and conditions concerning the educational services of the University in effect at this time.

Any fees, charges, or costs set forth in this catalogue are subject to change at any time without notice. All courses, programs, and activities described in this catalogue are subject to cancellation or termination by the institution, the University of Louisiana Systems, or the Board of Regents at any time.

Southeastern Louisiana University hereby expressly disclaims any warranty or representation that any course or program completed by a student will result in the acquisition of any specific knowledge or skill by the student, or will enable the student to successfully complete or pass any specific examinations for any course, degree, or occupational license.

Southeastern Louisiana University

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\*\*\*\*\*

Dr. Jim Henderson ..... *System President*





## University Calendar Summer 2018

Tuesday, May 15 - Tuesday, May 29	<b>Summer Interim Classes – All fees for interim classes must be paid by the first class meeting of the interim session.</b>
Monday, May 21	Academic Checkpoint for Summer Interim session
Tuesday, May 22	Rental textbook pick-up begins for students who have paid.
Wednesday, May 23	<b>Summer Interim Classes: Last day to withdraw from classes. Deadline at 5:30 p.m.</b>
Thursday, May 24	<b>New Student Orientation</b>
Thursday, May 24	<b>Open Registration Ends at 5:30 p.m. on Thursday, May 24, 2018.</b> Students should check their schedule for any classes removed due to low enrollment. Students who decide not to attend must drop all of their classes.  <b>Fee Payment Deadline and Class Cancellation for Non-Payment of Fees at 5:30 p.m. on Thursday, May 24, 2018.</b> Students who have not paid by 5:30 p.m. will be <b>cancelled</b> from their classes. Payment must be received and posted to the students account by 5:30 p.m. Students whose classes are paid with anticipated/pending aid must drop all their classes before first day of classes if they do not plan to attend.
Sunday, May 27 - Tuesday, May 29	<b>Schedule Adjustment begins at 9:00 a.m. on Sunday, May 27, 2018.</b> Students should review their schedule for classes cancelled for non-payment and for any classes removed due to low enrollment. Students who decide not to attend must drop all of their classes. Students will be financially responsible for any classes remaining on their schedule as of 5:30 p.m. on Tuesday, May 29, 2018.
Monday, May 28	Memorial Day Holiday
Tuesday, May 29	<b>Last day for undergraduate students to remove “I” grades.</b> Interim classes end.
Wednesday, May 30	<b>First day of Classes – Regular Semester and Term I.</b> Interim grades are due by 9:00 a.m.
Wednesday, May 30	<b>Drop/Add period</b> - During this drop/add period, a student may make schedule adjustments without receiving a 'W' grade for each class dropped. However, a student will not be able to drop all of their classes. To drop their last class, the student will need to resign from the university and will receive a 'W' grade for the last class left on their schedule. Students may make final schedule adjustments until 5:30 p.m. on Wednesday, May 30, 2018. Students will be financially responsible for any classes remaining on their schedule.
Thursday, May 31	<b>Final Fee Payment Deadline at 5:30 p.m. for all drop/add students registered for Summer 2018.</b> Students are responsible for tuition and fees for any courses that remain on their schedule.
Tuesday, June 5	Academic Checkpoint I for Summer Term I session
Wednesday, June 6 - Thursday, June 7	<b>Summer Orientation/Early Registration Program I, Fall 2018 Freshman by Invitation</b>
Tuesday, June 12	Academic Checkpoint II for Summer Term I session and Academic Checkpoint I for Summer semester
Wednesday, June 13 - Thursday, June 14	<b>Summer Orientation/Early Registration Program II, Fall 2018 Freshman by Invitation</b>
Thursday, June 14	<b>Term I Classes: Last day to withdraw from classes. Deadline at 5:30 p.m.</b>
Monday, June 18	Graduation Audit for Summer 2018 graduation candidates begin. <b>No graduation applications will be accepted for Spring 2018 after this date.</b>
Wednesday, June 20 - Thursday, June 21	<b>Summer Orientation/Early Registration Program III, Fall 2018 Freshman by Invitation</b>
Thursday, June 21	Academic Checkpoint II for Summer semester Term I classes end
Monday, June 25	Term I Classes: Final Examinations
Tuesday, June 26	Term II classes begin
Wednesday, June 27 - Thursday, June 28	<b>Summer Orientation/Early Registration Program IV, Fall 2018 Freshman by Invitation</b>
Monday, July 2	Academic Checkpoint I for Term II session Term I grades due by 9:00 a.m.
Wednesday, July 4 - Thursday, July 5	<b>Independence Day Holiday</b>
Monday, July 9	<b>Regular Classes: Last day to withdraw from classes or resign from the university. Deadline at 5:30 p.m.</b>
Tuesday, July 10	Academic Checkpoint II for Summer Term II session
Wednesday, July 11 - Thursday, July 12	<b>Summer Orientation/Early Registration Program V, Fall 2018 Freshman by Invitation</b>
Thursday, July 12	<b>Term II Classes: Last day to withdraw from classes. Deadline at 5:30 p.m.</b>
Thursday, July 19	Last day of classes
Monday, July 23	Term II Classes: Final Examinations
Monday, July 23 - Tuesday, July 24	Regular Classes: Final Examinations
Wednesday, July 25	Last day to return rental textbooks without a fine
Thursday, July 26	Grades due by 9:00 a.m.
Monday, July 30	<b>Student Accounts will be charged for any rental books not returned by 5:30 p.m.</b>
<b>Note: UNIVERSITY OFFICES WILL BE CLOSED ON FRIDAYS DURING THE SUMMER TERM; MEMORIAL DAY MAY 28; INDEPENDENCE DAY - JULY 4 AND JULY 5. THE HOURS OF OPERATION FOR DINING SERVICES WILL BE MODIFIED WHEN UNIVERSITY CLASSES ARE NOT IN SESSION. PLEASE REFER TO <a href="#">Auxiliary Services</a> FOR FURTHER INFORMATION.</b>	

# University Calendar Fall 2018

Monday, July 30 - Monday, August 13	<b>Fall Interim Classes - All fees for interim classes must be paid by the first class meeting of the interim session.</b>
Monday, August 6	Academic Checkpoint for Fall Interim session Rental textbook pick-up begins for students who have paid.
Tuesday, August 7	<b>Faculty return to duty</b>
Wednesday, August 8	<b>Fall Interim Classes: Last day to withdraw from classes. Deadline at 5:00 p.m.</b>
Thursday, August 9	<b>New Student Orientation</b>
Friday, August 10	<b>Open Registration Ends at 12:30 p.m. on Friday, August 10, 2018.</b> Students should check their schedules for any classes removed due to low enrollment. Students who decide not to attend must drop all of their classes. <b>Fee Payment Deadline and Class Cancellation for Non-Payment of Fees at 12:30 p.m. on Friday, August 10, 2018.</b> Students who have not paid by 12:30 p.m. will be <b>cancelled</b> from their classes. Payment must be received and posted to the students account by 12:30 p.m. Students whose classes are paid with anticipated/pending aid must drop all their classes before first day of classes if they do not plan to attend.
Sunday, August 12 - Tuesday, August 14	<b>Schedule Adjustment begins at 9:00 a.m. on Sunday, August 12th.</b> Students should review their schedule for classes cancelled for non-payment and for any classes removed due to low enrollment. Students who decide not to attend must drop all of their classes. Students will be financially responsible for any classes remaining on their schedule as of 5:00 p.m. on Tuesday, August 14, 2018.
Monday, August 13	Interim classes end.
Tuesday, August 14	<b>Freshman Success Day</b> Students will be financially responsible for any classes remaining on their schedules as of 5:00 p.m. on Tuesday, August 14 <sup>th</sup> <b>Last day for undergraduate students to remove "I" grades</b>
Wednesday, August 15	<b>First Day of Classes: Regular Semester and Term I.</b> Interim grades due by 9:00 a.m.
Wednesday, August 15 - Thursday, August 16	<b>Drop/Add period</b> - During this drop/add period, a student may make schedule adjustments without receiving a "W" grade for each class dropped. However, a student will not be able to drop all of their classes. To drop their last class, the student will need to resign from the university and will receive a "W" grade for the last class left on their schedule. Students may make final schedule adjustments until 5:00 p.m. on Thursday, August 16, 2018. Students will be financially responsible for any classes remaining on their schedule.
Friday, August 17	<b>Final Fee Payment Deadline at 12:30 p.m. for all drop/add students registered for Fall 2018.</b> Students are responsible for tuition and fees for any courses that remain on their schedule.
Friday, August 24	Academic Checkpoint I for Fall Term I session
Monday, September 3	Labor Day Holiday
Monday, September 10	Academic Checkpoint II for Fall Term I session and Academic Checkpoint I for Fall semester.
Monday, September 17	Graduation Audit for Fall 2018 graduation candidates begins. <b>No graduation applications will be accepted for Fall 2018 after this date.</b> Last day to apply for Spring 2019 graduation without late fee.
Friday, September 21	<b>Term I Classes: Last day to withdraw from classes. Deadline at 12:30 p.m.</b>
Wednesday, October 3	Term I Classes end.
Thursday, October 4 - Friday, October 5	<b>Fall Break</b>
Monday, October 8	Academic Checkpoint II for Fall semester Term I Classes: Final Examinations; M-W schedule
Tuesday, October 9	Term I Classes: Final Examinations; T-TH schedule
Monday, October 15	<b>Term II Classes begin</b>
Friday, October 19	Term I grades due by 9:00 a.m.
Tuesday, October 23	Academic Checkpoint I for Fall Term II session
Friday, November 2	<b>Regular Classes: Last day to withdraw or resign from the university. Deadline at 12:30 p.m.</b>
Tuesday, November 6	Academic Checkpoint II for Fall Term II session
Monday, November 12- Friday, November 16	<b>Priority Registration for Spring 2019 Classes</b>
Wednesday, November 14	<b>Term II Classes: Last day to withdraw from classes. Deadline at 5:00 p.m.</b>
Monday, November 19	<b>Open Registration Begins for Spring 2019 Classes</b>
Wednesday, November 21 - Friday, November 23	Thanksgiving Holiday
Friday, November 30	Last day of classes
Saturday, December 1	Saturday Only Classes – Final Examinations
Monday, December 3 - Friday, December 7	Final Examinations
Thursday, December 6	<b>Grades of prospective graduating students due by 9:00 a.m.</b>
Saturday, December 8	<b>Commencement 10:00 a.m.</b>
Monday, December 10	Grades due by 9:00 a.m. Last day to return rental textbooks without a fine
Friday, December 14	<b>Student accounts will be charged for any rental books not returned by 12:30 p.m.</b>
<b>Note: UNIVERSITY OFFICES WILL BE CLOSED ON LABOR DAY - SEPTEMBER 3; FALL BREAK - OCTOBER 4-5; THANKSGIVING - NOVEMBER 21-23; AND CHRISTMAS &amp; NEW YEAR HOLIDAYS - DECEMBER 20-JANUARY 2nd. THE HOURS OF OPERATION FOR DINING SERVICES WILL BE MODIFIED WHEN UNIVERSITY CLASSES ARE NOT IN SESSION. PLEASE REFER TO <a href="#">Auxiliary Services</a> FOR FURTHER INFORMATION.</b>	

## University Calendar Spring 2019

Monday, December 10 - Monday, January 14	<b>Spring Interim Classes – All fees for interim classes must be paid by the first class meeting of the interim session.</b>
Tuesday, December 18	Academic Checkpoint for Spring Interim session
Monday, January 7	<b>Spring Interim Classes: Last day to withdraw from classes. Deadline at 5:00 p.m.</b>
Monday, January 14	Interim classes end.
Tuesday, January 15	Rental textbook pickup begins for students who have paid. <b>Faculty Return to Duty.</b>
Wednesday, January 16	Interim grades due by 9:00 a.m.
Thursday, January 17	<b>New Student Orientation</b>
Friday, January 18	<b>Open Registration Ends at 12:30 p.m. on Friday, January 18, 2019.</b> Students should check their schedule for any classes removed due to low enrollment. Students who decide not to attend must drop all of their classes.  <b>Fee Payment Deadline and Class Cancellation for Non-Payment of Fees at 12:30 p.m. on Friday, January 18, 2019.</b> Students who have not paid by 12:30 p.m. will be cancelled from their classes. Payment must be received and posted to the students account by 12:30 p.m. Students whose classes are paid with anticipated/pending aid must drop all their classes before first day of classes if they do not plan to attend.
Sunday, January 20 - Tuesday, January 22	<b>Schedule Adjustment begins at 9:00 a.m. on Sunday, January 20, 2019.</b> Students should review their schedule for classes cancelled for non-payment and for any classes removed due to low enrollment. Students who decide not to attend must drop all of their classes. Students will be financially responsible for any classes remaining on their schedule as of 5:00 p.m. on Tuesday, January 22, 2019.
Monday, January 21	Martin Luther King Holiday
Tuesday, January 22	<b>Last day for undergraduate students to remove "I" grades</b>
Wednesday, January 23	First day of classes – Regular Semester and Term I
Wednesday, January 23 - Thursday, January 24	<b>Drop/Add period</b> - During this drop/add period, a student may make schedule adjustments without receiving a 'W' grade for each class dropped. However, a student will not be able to drop all of their classes. To drop their last class, the student will need to resign from the university and will receive a 'W' grade for the last class left on their schedule. Students may make final schedule adjustments until 5:00 p.m. on Thursday, January 24, 2019. Students will be financially responsible for any classes remaining on their schedule.
Friday, January 25	<b>Final Fee Payment Deadline at 12:30 p.m. for all drop/add students registered for Spring 2019.</b> Students are responsible for tuition and fees for any courses that remain on their schedule.
Friday, February 1	Academic Checkpoint I for Spring Term I session
Friday, February 15	Graduation Audit for Spring 2019 graduation candidates begins. <b>No graduation applications will be accepted for Spring 2019 after this date.</b> Last day to apply for Summer/Fall 2019 graduation without late fee. Academic Checkpoint II for Spring Term I session Academic Checkpoint I for Spring semester
Monday, February 25	<b>Term I Classes: Last day to withdraw from classes. Deadline 5:00 p.m.</b>
Monday, March 4 - Wednesday, March 6	Mardi Gras Holidays
Wednesday, March 13	Term I classes end.
Thursday, March 14	Term I Classes: Final Examinations; T-TH schedule Academic Checkpoint II for Spring semester
Monday, March 18	Term I Classes: Final Examinations; M-W schedule
Wednesday, March 20	<b>Term II Classes begin</b>
Friday, March 22	Term I grades due by 9:00 a.m.
Friday, March 29	Academic Checkpoint I for Spring Term II session <b>Regular Classes: Last day to withdraw or resign from the university. Deadline at 12:30 p.m.</b>
Monday, April 8 - Friday, April 12	<b>Priority Registration for Summer and Fall 2019 Classes</b>
Friday, April 12	Academic Checkpoint II for Spring Term II session
Monday, April 15	<b>Open Registration begins for Summer and Fall 2019 Classes</b>
Friday, April 19 - Friday, April 26	<b>Spring Break</b>
Thursday, April 25	Early Orientation for Scholarship Recipients
Tuesday, April 30	<b>Term II Classes: Last day to withdraw from classes. Deadline at 5:00 p.m.</b>
Friday, May 10	Last day of classes.
Saturday, May 11	Saturday Only Classes – Final Examinations
Monday, May 13 - Friday, May 17	<b>Final Examinations</b>
Thursday, May 16	<b>Grades of prospective graduating students due by 9:00 a.m.</b>
Saturday, May 18	Commencement 10:00 a.m.
Monday, May 20	Grades due by 9:00 a.m. Last day to return rental textbooks without a fine
Friday, May 24	<b>Student accounts will be charged for any rental books not returned by 12:30 p.m.</b>
<b>Note: UNIVERSITY OFFICES WILL BE CLOSED ON MARTIN LUTHER KING HOLIDAY - JANUARY 21; MARDI GRAS- MARCH 4-5; AND EASTER- APRIL 19 – APRIL 22nd. THE HOURS OF OPERATION FOR DINING SERVICES WILL BE MODIFIED WHEN UNIVERSITY CLASSES ARE NOT IN SESSION. PLEASE REFER TO <a href="#">Auxiliary Services</a> FOR FURTHER INFORMATION.</b>	

# Registration Procedures

## Terminology, Definitions, and Responsibilities

**Priority Registration:** The first opportunity to schedule classes for the next semester. Usually a one week period during the semester prior to the registration semester during which students are assigned a registration appointment based on the number of hours a student has earned and/or other priority conditions (i.e. disability status, honors program, athletics, etc.). All students and applicants, except freshmen applicants for the next semester, are expected to register for classes during Priority Registration. Academic advising, when required, is available to all students in time for Priority Registration.

**Open Registration:** The period following Priority Registration and lasting until the Final Schedule Adjustments Deadline. All eligible students, including those who did not register during Priority Registration, may register anytime 24 hours/day, 7 days/week during this period. Academic Advisors are not always available during this period so students should contact their department to schedule an advising appointment.

**Freshman Orientation:** Required of all beginning freshmen and transfer freshmen. Orientation is a two-day program that provides an overview of university policies and procedures, academic advising, and course registration.

**Fee Payment Deadline:** Students who have not paid by the Fee Payment Deadline will not have access to other university services such as textbook rentals, ID services, parking decals, housing, meals, etc. Students are responsible for tuition and fees for any courses that remain on their schedule after this deadline. Students who need assistance with dropping their classes or canceling their enrollment by this deadline may contact the Records and Registration Office at 1-800-222-SELU or 985-549-2066.

**Cancellation:** Students who have not paid by the Fee Payment Deadline will be cancelled from their classes. Payment must be received and posted to the student's account. Students whose classes are paid with anticipated aid must drop all their classes before the first day of classes if they do not plan to attend.

**Schedule Adjustment:** The final opportunity for all students to register for classes, make schedule changes, or cancel enrollment before classes begin. Students should check their schedule for any classes removed due to low enrollment. Students who decide not to attend must drop all their classes. Students will be financially responsible for any classes remaining on their schedule once Schedule Adjustment ends.

**First Day of Classes:** Once classes begin, schedule changes will be handled as follows:

- Requests for schedule changes must be submitted to the student's academic dean and must be due to extenuating circumstances.
- Students wishing to withdraw:
  - Receive a grade of "W"
  - Pay the tuition and fees for the class
- Students wishing to resign:
  - Receive a grade of "W" in all classes
  - Are refunded 75 to 0 percent of their tuition (based on University refund schedule)

**Drop/Add Period:** During the drop/add period, a student may make schedule adjustments without receiving a "W" grade for each class dropped. However, a student will not be able to drop all of their classes. To drop their last class, students will need to resign from the university and will receive a "W" grade for the last class left.

**Final Fee Payment Deadline:** Students are responsible for tuition and fees for any courses that remain on their schedule.

# Administrative Officers and Staff

**President**

**John L. Crain, Ph.D.**

	Ranetta Marshall, Executive Assistant
<b>EEO/ADA Compliance Coordinator</b> .....	<b>Gene Pregeant, J.D.</b>
<b>Office of Public and Governmental Affairs</b> .....	<b>Erin Cowser, M.A., Executive Director</b>
<b>Internal Audit</b> .....	<b>Chibuike "UK" Azuoru, M.B.A., C.P.A., Director</b>
<b>Chief Compliance Officer</b> .....	<b>Justin Bice, B.S.</b>
<b>Intercollegiate Athletics</b> .....	<b>Christopher "Jay" Artigues, M.S., Director of Athletics</b>
<b>Executive Associate Athletic Director for Business Affairs</b> .....	<b>Ola-Oluwa Adegboye, M.B.A.</b>
<b>Senior Associate Athletic Director for Internal Operations</b> .....	<b>Andrew Bechac, M.S.</b>
Assistant Director of Athletics for Academic Support Services .....	Michelle Harper, M.S.
Media Relations .....	Kemmler Chapple, B.A., Director of Sports Information
Assistant Athletic Director for Sports Medicine .....	Brandon J. Albin, M.H.R.D.
Baseball .....	J. Matthew Riser, B.S., Head Coach
Basketball (Men) .....	Jay Ladner, M.Ed., Head Coach
Basketball (Women).....	Ayla Guzzardo, M.S.E., Head Coach
Football .....	Frank Scelfo, M.Ed., Head Coach
Golf .....	William "Jake" Narro, B.G.S., Head Coach
Soccer .....	Christopher McBride, M.S., Head Coach
Softball .....	Richard (Rick) P. Fremin, III, M.S., Head Coach
Sports Performance .....	Gerard Pacitti, B.A, Director
Tennis .....	Jason Hayes, B.S., Head Coach
Track and Field/Cross Country .....	Corey Mistretta, B.B.A., Interim Head Coach
Volleyball/Facilities Manager .....	James "Jim" Smoot, B.S., Head Coach
<b>Economic and Business Development</b> .....	<b>Bill Joubert, Ph.D., Director</b>
<b>Office of Technology</b> .....	<b>Mike Asoodeh, Ph.D., Chief Information Officer</b>
Client Connectivity Services .....	Ray DeJean, M.S., Senior Connectivity Team Leader
Client Services .....	Donna Methvien, B.A., Client Services Team Leader
ERP Team.....	Susan H. LeBlanc, M.B.A., ERP Team Leader
Solutions Team.....	Matthew Gill, M.S., Security Administrator

**Provost and Vice President for Academic Affairs**

**Tena L. Golding, Ph.D.**

<b>Assistant Vice President for Academic Programs</b> .....	<b>Jeffrey Temple, Ph.D.</b>
<b>Assistant Vice President for Enrollment Management</b> .....	<b>A. Kay Maurin, Ph.D.</b>
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Financial Aid .....	Charles Cambre, B.S., Director
Enrollment Services .....	Lori Fairburn, M.B.A., Director
Systems and Communication Services .....	Pat King Jr., B.A., Director
Student Records and Testing .....	Paulette Poche, B.S., Director
<b>College of Arts, Humanities, and Social Sciences</b> .....	<b>Karen A. Fontenot, Ph.D., Dean</b>
Assistant Dean .....	James B. Worthen, Ph.D.
English .....	David Hanson, Ph.D., Department Head
General Studies Program .....	Rebecca Hite, M.A., Director
Languages & Communication .....	Lucia Harrison, Ph.D., Department Head
KSLU Radio .....	Todd E. Delaney, B.G.S., General Manager
History and Political Science .....	William B. Robison, Ph.D., Department Head
Music and Performing Arts .....	Jeffrey Wright, Ph.D., Department Head
Psychology .....	Susan Coats, Ph.D., Department Head
Sociology and Criminal Justice .....	Kenneth H. Bolton, Jr., Ph.D., Department Head
Visual Art + Design .....	Dale Newkirk, M.F.A., Department Head
FANFARE/Columbia Theatre .....	C. Roy Blackwood, M.F.A., Interim Director
<b>College of Business</b> .....	<b>Antoinette Phillips, Ph.D., Dean</b>
Assistant Dean .....	Jay Johnson, Ph.D.
Accounting and Finance .....	Robert Braun, Ph.D., Department Head
Management & Business Administration .....	Sang Lee, Ph.D., Department Head
Marketing & Supply Chain Management .....	Russell McKenzie, Ph.D., Interim Department Head
MBA Program .....	Andree Honoree, Ph.D., Director
EMBA Program .....	John Cresson, Ph.D., Director
<b>College of Education</b> .....	<b>Paula Summers Calderon, Ph.D., Dean</b>
Assistant Dean .....	(vacant)
Educational Leadership and Technology .....	Thomas DeVaney, Ph.D., Department Head
Teaching and Learning .....	Colleen Klein-Ezell, Ph.D., Department Head
Laboratory School .....	Patricia Williams, M.Ed., Interim Director

<b>College of Nursing and Health Sciences</b> .....	<b>Ann Carruth, D.N.S., Dean</b>
Assistant Dean .....	Ralph Wood, Ph.D.
Health & Human Sciences .....	Jacqueline Guendouzi, Ph.D., Department Head
Kinesiology and Health Studies .....	Edward Hebert, Ph.D., Department Head
School of Nursing .....	Eileen Creel, D.N.S., Department Head
University Health Center .....	Andrea Peevy, M.S.N., Director
<b>College of Science and Technology</b> .....	<b>Daniel McCarthy, Ph.D., Dean</b>
Assistant Dean .....	Brian Crother, Ph.D.
Engineer for Academic Equipment Services .....	Jesse Hatchett, B.S.
Biological Sciences .....	Christopher Beachy, Ph.D., Department Head
Chemistry and Physics .....	Gerard Blanchard, Ph.D., Department Head
Computer Science .....	Quoc-Nam Tran, Ph.D., Department Head
Industrial and Engineering Technology .....	Mohammad Saadeh, Ph.D., Department Head
Mathematics .....	Timothy D. Hudson, Ph.D., Department Head
Turtle Cove Research Station .....	Robert Moreau, Ph.D., Manager
<b>Center for Faculty Excellence</b> .....	<b>Mary Ballard, Ph.D., Director</b>
<b>Center for Student Excellence</b> .....	<b>Lorett Swank, Ph.D., Director</b>
<b>Graduate Studies and Institutional Effectiveness</b> .....	<b>John Boulahanis, Ph.D., Director</b>
<b>Honors Program</b> .....	<b>Claire Procopio, Ph.D., Director</b>
<b>International Initiatives</b> .....	<b>Lucia Harrison, Ph.D., Director</b>
<b>Library</b> .....	<b>Eric Johnson, M.L.S., Director</b>
<b>Office of Institutional Research</b> .....	<b>Michelle Hall, Ph.D., Director</b>
<b>Sponsored Research and Programs</b> .....	<b>Cheryl Hall, J.D., Director</b>
<b>The Southeastern Channel</b> .....	<b>Rick Settoon, M.A., Station Manager</b>
<b>TRIO Programs</b> .....	<b>Duane Donald, Ph.D., Coordinator of Special Projects and TRIO</b>

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**Vice President for Student Affairs** **Eric J. Summer, Ph.D.**

<b>Dean of Students</b> .....	<b>(vacant)</b>
Recreational Sports and Wellness .....	Seth Thomas, M.S., Director
Student Advocacy and Accountability .....	Gabe Willis, Ph.D., Director
Student Engagement .....	Angela James, M.Ed., Interim Director
Student Publications .....	Lee Lind, Ph.D., Director
<b>Transportation Services</b> .....	<b>Gary Prescott, B.A., Interim Director</b>
<b>Career Services</b> .....	<b>Kenneth W. Ridgedell, M.B.A., Director</b>
<b>Disability Services</b> .....	<b>Angela James, M.Ed., Director</b>
<b>University Counseling Center</b> .....	<b>Peter Emerson, Ed.D, Interim Director</b>
<b>University Police</b> .....	<b>Harold Todd, M.A., Director</b>

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**Bezue, Rosalie**, *Special Education Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Bordelon, Noelle**, *English Language Arts Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Brown, Sedley**, *First Grade Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Davis, Angela**, *Third Grade Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Dickson, Michael**, *Interim Social Studies Teacher*, B.S., Southeastern Louisiana University

**Diebold, Gregory**, *Interim Physical Education Teacher*, B.A., Southeastern Louisiana University

**Dowdy, Bethany**, *Kindergarten Teacher*, B.S., Millsaps College; M.Ed., Southeastern Louisiana University

**Evans, Stephanie**, *Second Grade Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Fairburn, Jo**, *Technology Teacher*, B.S., Mississippi State University; M.Ed., Southeastern Louisiana University

**Jeanfreau, Cherie**, *Fourth Grade Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Messina, Shawn**, *English Languages Arts Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Morgan, Brittany**, *Interim Computer Lab Paraprofessional*, A.A.S., Northshore Technical Community College

**Price, Robin**, *Science Teacher*, B.A., Southeastern Louisiana University

**Williams, Patricia**, *Interim Director*, B.A., Nicholls State University; M.Ed., Southeastern Louisiana University

## Retired Laboratory School Faculty

**Blount, Betty D.**, *Eighth Grade Teacher*, B.A., Southeastern Louisiana University; M.Ed., Louisiana State University

**Clark, Katherine**, *Sixth Grade Teacher*, B.A., University of Southwestern Louisiana; M.Ed., Southeastern Louisiana University

**Corkern, Carole F.**, *Fourth Grade Teacher*, B.A., M.Ed., Southeastern Louisiana University

**England, Lucille**, *Third Grade Teacher*, B.S., Delta State Teachers College; M.A., Columbia University

**Faller, Cynthia F.**, *Sixth Grade Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Gunn, Dorothy W.**, *Second Grade Teacher*, B.A., Louisiana College; M.Ed., Louisiana State University

**Magee, Bettye**, *Eighth Grade Teacher*, B.A., McNeese State University; M.Ed., Southeastern Louisiana University

**Showalter, Joanne**, *First Grade Teacher*, B.S. University of Georgia; M.S. Florida State University; Ed.S., University of Georgia

**Tabor, Karen**, *Second Grade Teacher*, B.S., M.Ed., Ed.S., Louisiana State University

**Tageant, Theresa**, *Third Grade Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Turner, Andrea L.**, *Second Grade Teacher*, B.A., M.Ed., Southeastern Louisiana University

**Whisenhunt, Johnnie**, *Fifth Grade Teacher*, B.A., M.Ed., Southeastern Louisiana University

# General Information

## Historical Sketch of the University

Southeastern Louisiana University began as a grass-roots movement by the people of Hammond and the surrounding area who recognized the need for an institution of higher education in order to further the educational, economic, and cultural development of southeast Louisiana. What began as a junior college supported by local taxes has developed into a major university as Southeastern has grown to meet the evolving needs of southeast Louisiana.

### 1925

- Voters overwhelmingly approved a bond issue that created Hammond Junior College.
- Operated under the auspices of the Tangipahoa Parish School Board, President Linus A. Sims opened the doors to 40 students with a faculty of three women and two men.
- The two-year, co-educational institution offered basic undergraduate work in arts and sciences that culminated in a teaching certificate.

### 1927

- Voters supported the purchase of the Hunter Leake estate on Hammond's north end.

### 1928

- Hammond Junior College became Southeastern Louisiana College, formally adopted into the state educational systems under the control of the State Board of Education.
- The purchase of sixty acres adjoining the original fifteen acre plot provided the space to develop a suitable campus.

### 1934

- A state bond issue provided for the construction of McGehee Hall and a gymnasium.

### 1937

- The State Board of Education authorized curricula for four-year programs in liberal arts, teacher education, business administration, music, social sciences, and physical education.

### 1938

- Voter approval of Act No. 388, an amendment to the 1920 Louisiana Constitution, granted Southeastern Louisiana College the same legal status as other four-year colleges. The amendment did not, however, require the state to fund Southeastern at the level of other institutions of higher education, despite strong local support.

### 1939

- The first baccalaureate degrees were conferred.

### 1946

- The State Board made available funds to purchase seven city blocks east and west of the campus, and 275 acres of land north and northwest of the campus, increasing Southeastern's total area to approximately 365 acres.
- Southeastern was formally approved and accepted into full membership in the Southern Association of Colleges and Schools (SACS) as a four-year degree-granting institution.

### 1948

- After World War II, returning GIs caused exponential growth of the college, necessitating construction of classrooms, a student union, a cafeteria, a health center, dormitories, apartments for married students and many surplus temporary buildings donated by the federal government. The U.S. Navy contributed two steel barracks for use as dormitories.

### 1960

- The State Board authorized Southeastern to offer master's degrees through the newly formed Division of Graduate Studies.

**1967**

- Southeastern began awarding the Education Specialist degree.

**1970**

- Governor John J. McKeithen signed into law the legislative act turning Southeastern Louisiana College into Southeastern Louisiana University.

**Early 1970's**

- D Vickers Hall, the Athletics Building and the C.E. Cate Teacher Education Building were constructed.

**1986**

- A group of faculty members launched Fanfare, a festival celebrating the arts, humanities and sciences. Since then, Fanfare has become an acclaimed month long event, drawing nationally and internationally recognized artists and providing recognition for those closer to home. In addition to providing entertainment for the Northshore, Fanfare has an educational outreach program that works closely with local schools.

**1997**

- More than 15,000 students registered to attend Southeastern for the fall semester.

**2000**

- Southeastern celebrated its 75<sup>th</sup> anniversary.

**2000-2001**

- The Southeastern Village Complex, Fayard Hall and the Claude B. Pennington, Jr., Student Activity Center were completed.

**2001**

- Southeastern received full approval from the Board of Regents for its first new graduate degree program in more than a decade, a Master of Science in Integrated Science and Technology.

**2003**

- Southeastern hit a record enrollment of 15,662 students.
- Southeastern also saw the return of football to Strawberry Stadium after an 18-year hiatus. The Lions completed the season 5-7.

**2004**

- Southeastern began implementing portions of the Board of Regents Master Plan admissions criteria, a full year ahead of schedule and before any other schools in the state.

**2005**

- Southeastern began its first year under the full Board of Regents Master Plan admissions criterion.
- Fanfare proudly celebrated its 20th anniversary.
- On August 29, just six days into the semester, Hurricane Katrina hit southeast Louisiana, devastating the parishes of St. Bernard, Orleans, Jefferson, Plaquemines and St. Tammany, as well as the Mississippi Gulf Coast. Southeastern fared well and suffered no major structural damages (although the University campus did lose many trees). After the storm, Southeastern was able to play an instrumental role in the relief effort by providing housing for the National Guard, disaster relief teams from across the country and utility workers. The University also provided housing for its displaced faculty, staff and students as it re-opened its doors on September 6. In addition, the University re-opened enrollment and provided housing for many displaced students from other universities and community colleges in the disaster area; this also included the hiring of several displaced faculty from these institutions. By the 14th class day, in spite of Katrina, Southeastern had again enrolled a record-breaking number of students: 16,068.

**2006**

- Southeastern was given approval to offer its first doctoral level program: a doctorate in educational leadership designed to prepare a new generation of school principals, district superintendents and other administrators. The program is offered in consortium with the University of Louisiana at Lafayette.

**2007**

- Southeastern dedicated a new campus fountain as a memorial to the victims of hurricanes Katrina and Rita and to the citizens who responded in the wake of the sister storms that ravished the Gulf Coast region in 2005.
- Southeastern launched a free shuttle bus service called Lion Traxx to transport students, faculty and staff across campus.

**2008**

- Southeastern began offering a 100 percent online bachelor's degree in nursing to registered nurses who hold associate degree or diploma programs. The program is part of a statewide adult learning initiative known as CALL (Continuum for All Louisiana Learners).

**2009**

- Dr. John L. Crain was invested as Southeastern's 14th president.
- ACT scores among incoming freshmen reached 21.7, an increase over both state (20.1) and national (21.1) averages.

**2010**

- Southeastern announced an increase in admissions standards for the fall semester.
- Southeastern's GRAD Act agreement was approved by the Louisiana Board of Regents.

**2011**

- Southeastern announced its 100 percent online family nurse practitioner program offered through the Intercollegiate Consortium for a Master of Science in Nursing, a partnership involving Southeastern, the University of Louisiana-Lafayette and McNeese State University.

**2012**

- Southeastern began offering a doctor of nursing practice degree in consortium with the University of Louisiana at Lafayette.

**2013**

- Southeastern began offering a new accelerated bachelor's degree in information technology program to meet local workforce demands.
- Southeastern's football team competed in and won the first NCAA playoff game in school history.

**2014**

- Southeastern's School of Nursing celebrated its 50th anniversary.
- The first phase of the \$32 million Student Union renovation and construction project opened.

Since 1925, many dedicated individuals have led Southeastern from a junior college to the vibrant university it is today: Linus A. Sims, 1925-1933; Y. L. Fontenot, 1933-1937; J. Leon Clark, 1937-1944; George W. Bond, 1944-1945; Gladney J. Tinsley, 1945-1951; Clark L. Barrow, 1952-1953; Luther Dyson, 1953-1967; J. B. Wooley, 1967-1968; Clea E. Parker, 1968-1980; J. Larry Crain, 1980-1986; G. Warren Smith, 1986-1995; Sally Clausen, 1995-2001; Randy Moffett, 2001-2008; John L. Crain, 2009-present.

## University Role, Scope, and Mission

The following is the University Role, Scope, and Mission as stated in the Louisiana MASTER PLAN FOR POSTSECONDARY EDUCATION IN LOUISIANA 2011-revised 2012. [http://regents.la.gov/wp-content/uploads/2013/03/MasterPlan\\_Revised\\_04-12.pdf](http://regents.la.gov/wp-content/uploads/2013/03/MasterPlan_Revised_04-12.pdf).

*The mission of Southeastern Louisiana University is to lead the educational, economic, and cultural development of Southeast Louisiana.*

Southeastern Louisiana University is primarily a teaching institution whose mission is successful education of undergraduate students and services to the employers and communities in its region. Southeastern uses a traditional admission process based on courses completed, GPA, and standardized test scores.

### 1. Audiences

Southeastern is Responsible for Serving

- a. Residents of the greater metropolitan region, especially those of the Northshore parishes who have completed high school and are seeking either a college degree or continuing professional education.
- b. Two-year college transfer students, particularly those from Northshore Technical College.
- c. Regional employers, both public and private, including school districts, health care providers, local governments, private businesses, and community agencies seeking technical assistance and applied research.
- d. Economic development interests and entrepreneurs in the region.
- e. The area community, by providing a broad range of academic and cultural activities and public events.

### 2. Array of Programs and Services

- a. Baccalaureate arts and science programs appropriate to a teaching university with a predominantly undergraduate student body.
- b. Baccalaureate and master's level programs in the professional fields of communications, computer science, education, criminal justice, nursing and allied health, business, and social work.
- c. Limited collaborative doctoral programs focused on practice doctorate degrees to address needs of the regional audience.
- d. Support for area K-12 schools seeking college general education courses for advanced students and assistance in ensuring that their graduates are college and career ready.
- e. Services specifically designed to meet the needs of regional economic development.

### 3. Special Programs/Features

- a. K-12 collaboration and education through teacher and administrator education programs through the doctorate.
- b. Nursing and Allied Health programs designed to meet regional health care needs, including traditional, online, and accelerated delivery formats.
- c. Business/economic development assistance for regional start-up and existing business through academic programming, the Southeast Louisiana Business Center, and non-credit workforce education and training.
- d. Academic programs and research with direct scientific and technological applications relevant to the environment and economic development of southeast Louisiana.
- e. Unique cultural facilities and programming make Southeastern the hub of creative arts and culture in the Northshore region.

# Southeastern Louisiana University's Vision 2017 will transform to Vision 2025

## Mission Statement

The Mission of Southeastern Louisiana University is to lead the educational, economic, and cultural development of southeast Louisiana.

## Core Values

Core Values are the underpinning of a university's culture and character, and serve as the foundation on which everything else is built. Southeastern Louisiana University's core values of Excellence and Caring reflect who we are and what you can expect from us.

### **Excellence:**

Continually striving for the highest level of achievement; overcoming challenges with reflection, improvement, innovation and reinvention.

### **Caring:**

Serving the needs of others with respect, understanding and compassion; affirming the differences among individuals, values and ideas.

Guided by our core values, Southeastern creates engaging learning opportunities such as residential, distance education and international experiences that extend knowledge and its application in the classroom and beyond.

Southeastern uses technology to provide access to the global ideas and information, to an interactive world of knowledge creation and sharing, and to a wealth of online collaboration and communication

## Preparing for Vision 2025

At the completion of Southeastern's Vision 2017, an extensive "environmental scan" of all university constituencies was conducted in 2017-2018 to assist in establishing a framework for Vision 2025. Southeastern's University Planning Council reviewed a great deal of information related to the scan which included reports from campus and community focus groups and surveys. After much discussion about issues of potential strategic importance to the University, the Council determined that some of the strategic priorities of Vision 2017 remained relevant and could be combined with new information from the scan to frame further discussions. The resulting eight strategic themes are as follows:

1. Given the realization that our current funding model, both state and self-generated funds, is driven almost entirely by student enrollment, progression and completion, student recruitment and success must remain institutional priorities.
2. As an evolving area of growing importance, our approach to distance education will likely require a more focused strategy to ensure consistent quality of delivery and positive impact on enrollment and student success.
3. New student markets warrant more attention, potentially including non-traditional students, out-of-state students and international students, among others.
4. Our efforts to more effectively market and promote Southeastern to new students and other constituents, and to further clarify our brand and identity, warrant more focus.
5. Given several areas of disappointing results in comparison with peer institutions from NSSE (National Survey of Student Engagement), a re-commitment to personal engagement with our students in their classes and curriculum is warranted.

6. As they represent our greatest opportunity to engage with students and positively impact student learning, our institution must ensure that we foster positive morale of our faculty and staff by supporting their professional development, engaging them in university governance, and rewarding their ongoing commitment and efforts to support and engage students.
7. While newly constructed facilities offer tremendous opportunities to students, some existing facilities and campus infrastructure are in need of additional cleaning, maintenance and updating, as well as accessibility and technology upgrades.
8. Given changing workforce needs, and the importance of program workforce relevance to student recruitment and success, consideration should be given to strategic evaluation of workforce relevance for current and potential new degree programs.

These eight themes are not intended to be the strategic priorities for Vision 2025; rather, these themes are intended to help guide future deliberations and discussions in evolving the strategic priorities of Vision 2017 into those for Vision 2025.

## University Classifications

Southeastern is categorized as a SREB Four-Year 3 institution, as a Carnegie Master's College and University I, and a SACSCOC Level V institution.

## Degrees

Southeastern Louisiana University offers fourteen baccalaureate and advanced degrees: Bachelor of Arts, Bachelor of Business Administration, Bachelor of Science, Bachelor of Music, Bachelor of General Studies, Master of Education, Master of Arts, Master of Arts in Teaching, Master of Music, Master of Science, Master of Science in Nursing, Master of Business Administration, Doctor of Education, and Doctor of Nursing Practice. The degree awarded depends upon the major field and the department. A major is that part of a degree program which consists of a specific group of courses in a particular discipline(s) or field(s). The name of the major is usually consistent with the degree subject area. A major usually consists of 25 percent or more of total hours required in an undergraduate curriculum. Establishment of a major requires prior approval by the Board of Regents. In some cases, students can choose an area of concentration, which is an alternative track of courses within a major or option, accounting for at least 30 percent of the major requirements.

The university offers one two-year degree: Associate of Applied Sciences

## Accreditations

Southeastern Louisiana University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, masters and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 to learn more about the accreditation status of Southeastern; file a third-party comment at the time of Southeastern's decennial review; or file a complaint against Southeastern for alleged significant non-compliance with a standard or requirement. Normal inquiries about Southeastern, such as admission requirements, financial aid, and education programs, etc., should be addressed directly to Southeastern Louisiana University and not to the Commission.

Southeastern is a Level V institution.

The Commission on Colleges is to be contacted only if there is evidence that appears to support Southeastern's significant non-compliance with a requirement or standard. The Commission should not be contacted in regard to general admission information or issues involving application regulations.



## Specialty Accreditations

- [Accreditation Board for Engineering and Technology](#)
  - B.S. in Computer Science
  - B.S. in Engineering Technology
  - B.S. in Informational Technology
  - B.S. in Occupational Safety, Health, and Environment
- [American Association of Family and Consumer Science](#)
  - B.S. in Family & Consumer Science
- [American Chemical Society](#)
  - B.S. in Chemistry
- [Association to Advance Collegiate Schools of Business](#)
  - B.S. in Accounting
  - B.B.A. in Business Administration
  - B.S. in Finance
  - B.A. in Marketing
  - B.A. in Management
  - B.S. in Supply Chain Management
  - M.B.A. in Business Administration
- [Association of Technology, Management, and Applied Engineering](#)
  - A.A.S. and B.S. in Industrial Technology
- [Commission on Accreditation of Athletic Training Education](#)
  - B.S. in Athletic Training
- [Commission on Collegiate Nursing Education](#)
  - BSN in Nursing
  - MSN in Nursing
  - DNP in Nursing
- [Council for Accreditation of Counseling and Related Educational Programs](#)
  - M.S. in Counseling
- [Council on Academic Accreditation in Audiology and Speech-Language Pathology](#)
  - M.S. in Communication Sciences & Disorders
- [Council on Social Work Education](#)
  - B.A. in Social Work
- [National Association of Schools of Art and Design](#)
  - B.A. in Art
- [National Association of Schools of Music](#)
  - B.M. and M.Mus. in Music
- [National Council for Accreditation of Teacher Education](#)
  - Ed.D. in Educational Leadership
  - M.Ed. in Curriculum & Instruction
  - M.Ed. in Educational Leadership
  - M.Ed. in Special Education
  - MAT in Elementary Education Grades 1-5
  - MAT in Special Education – Early Intervention: Birth–5
  - B.S. in Early Childhood Education
  - B.S. in Middle School Education
  - B.S. in Elementary Education
  - B.A. in English Education
  - B.A. in Social Studies Education
  - B.S. in Health & Physical Education
  - B.S. in Elementary Education & Special Education
  - B.S. in Middle School Education & Special Education

## Civil Rights Compliance

It is the policy of Southeastern Louisiana University not to discriminate on the basis of race, color, religion, sex, sexual orientation, sexual identity, national origin, political affiliation, age, disability, veteran status, or genetic information in its admission and recruitment of students, educational programs and activities or employment policies. The University, in its relationship with students, faculty, and staff, always treats with absolute fairness all those who apply for membership in the Southeastern community.

This policy reflects the requirements of the Title VII of the Civil Rights Act of 1964, as amended; the Equal Employment Opportunity Act of 1972; Executive Order 11246; Title IX of the Educational Amendments of 1972; Sections 503/504 of the Rehabilitation Act of 1973, as amended; Vietnam Era Veterans Readjustment Assistance Act of 1974; Louisiana Executive Order JBE 16-11; the American's With Disabilities Act of 1990; the Civil Rights Act of 1991; and the Genetic Information Non-Discrimination Act.

## Honors Program

The Honors Program is designed to prepare students to know and understand the significant ideas and events that have shaped our world and will shape the future; to have confidence in their abilities to think independently, write clearly, and speak effectively, and to be leaders in their communities and professions. It aims to prepare responsible individuals to be perpetual learners who realize their potential for a fully human, ethical, and prosperous life.

Honors students benefit from interaction with a community of peer scholars who are equally interested in achieving the most in their college careers. Additionally, under the direction and mentoring of a faculty member, Honors students culminate their college career with a significant research experience or artistic endeavor during their senior year. Sophomore Honors Distinction, Upper Division Honors Distinction, and an Honors Diploma may be earned by students in the program.

Students must apply to join the Honors Program and may do so on the Honors website ([www.southeastern.edu/honors](http://www.southeastern.edu/honors)) or by contacting the Honors office. The Honors Program is open to any beginning freshman with an ACT Composite of 24 or higher and high school GPA of 3.0 or higher. University students already having 12 hours of credit or more need a university GPA of 3.0 to join.

## Horticulture Facilities

The Department of Biological Sciences uses several resources at the Sustainability Center, including glass greenhouses and Quonset plastic-covered greenhouses adjacent to the University Center on North Campus. These facilities are used by students preparing for careers in all phases of horticulture and the biological sciences. They are also utilized for ecological/wetland research.

## International Initiatives

The International Initiatives Office is charged with promoting Southeastern's international programs and projects. These initiatives offer opportunities for students and faculty to participate in activities with students, universities, and other institutions abroad. They afford an international dimension to the academic, cultural, and professional growth of the university and the regional community that better prepares us to play constructive roles in today's global society.

Towards these ends, the International Initiatives Office collaborates with a number of administrative offices and academic departments to implement a variety of international programs. These include study abroad programs and academic and development programs in cooperation with international organizations and universities and agencies overseas.

Faculty-Led Study Abroad Programs are offered every year in several different countries for academic credits in a variety of disciplines. More than \$50,000 in scholarships for study abroad are awarded each academic year.

International Initiatives Office

SLU 12861

Hammond, LA 70402

Telephone: 985-549-2135

Fax: 985-549-3478

[www.southeastern.edu/studyabroad](http://www.southeastern.edu/studyabroad)

## Linus A Sims Memorial Library

The University Library, named in memory of the institution's first president, is a modular four-story building of approximately 138,000 square feet. The building, occupied in 1986, is located near the center of campus.

The Library contains a collection of more than 505,000 print and electronic volumes and provides access to over 101,000 print and electronic journals and newspapers. Sims Memorial is a partial depository for federal government publications. The Library participates in a state-wide network providing access to the online catalogs of 45 academic libraries within Louisiana and to other electronic databases and catalogs. Sims participates in the LALINC reciprocal borrowing program, which extends borrowing privileges to Southeastern faculty and graduate students at participating universities throughout the state, and in the LALINC Distance Education agreement which ensures library services to students enrolled in distance education classes.

Both traditional library services and state-of-the-art information technology, including electronic resources which may be searched remotely, are provided by Sims Library. Service to off-campus students is provided through the Library's Reference Department. Formal and informal instruction in library research skills is provided by professional librarians. The Library, open 80 hours a week, seeks to provide a safe environment conducive to research and study while also providing a culturally-rich environment to enhance the Southeastern experience. Group and private study areas are available throughout the Library. Exhibits, lectures, readings, and presentations are regularly scheduled in open areas of the Library. The Library houses a computer lab, the Archives and Center for Southeast Louisiana Studies, a mathematics lab, a practice presentation studio and a coffee shop.

Sims Library also provides an on-site collection to support the research needs of the Turtle Cove Environmental Research Station.

**Graduate Students** -- A binding fee of \$25 is charged for each copy of the master's thesis to be bound. Two copies must be presented to the library, and the maximum number of copies that may be bound is five.

## Turtle Cove Environmental Research Station

The Turtle Cove Environmental Research Station is a field research and university education and outreach program of Southeastern Louisiana University, with facilities located on two sites at Galva Canal in Manchac and on Pass Manchac in the Lake Pontchartrain estuarine ecosystem's Manchac Wildlife Management Area (WMA). Turtle Cove consists of buildings and infrastructure, equipment and supplies, and a fleet of 12 boats of all sizes that are necessary to conduct activities in the Pontchartrain Basin, including a 40 foot pontoon boat that can carry groups of up to 30 people. Along with these resources, Turtle Cove staff help support a variety of interdisciplinary programs at Southeastern—and other universities around the region, primary among them biology, but also including chemistry/physics, education, history, and the arts, among others. Turtle Cove's extensive university education and outreach programs are widely renowned across the region. The main guest house (i.e., "Turtle Cove") on Pass Manchac was constructed in 1908 by Mr. Edward Schlieder, a businessman and outdoorsman in the logging industry from New Orleans. The estate was donated after his death to the State of Louisiana's Department of Wildlife and Fisheries (LDWF) with whom Southeastern now leases the land and facilities from since 1981 via a 99-year lease. The mission of

Turtle Cove is to facilitate a better understanding of the local wetland environments of Southeast Louisiana through research, university education, marsh restoration, teacher training, and public outreach. For more information on the station and its programs and activities, or to make a donation, please visit our website, [www.southeastern.edu/turtlecove](http://www.southeastern.edu/turtlecove), or contact the manager at 985-549-5008.

## Louisiana Universities Marine Consortium (LUMCON) and Gulf Coast Research Laboratory

Southeastern Louisiana University is a member of the Louisiana Universities Marine Consortium (LUMCON) in Cocodrie, Louisiana, and has an Affiliate Agreement with the University of Southern Mississippi at the Gulf Coast Research Laboratory (GRCL) in Ocean Springs, Mississippi. Students wishing to take courses at LUMCON or GRCL must receive PRIOR approval from their Advisor and Department Head. Courses offered are listed in the Course Description section of the catalogue under Biological Sciences.

## Baton Rouge Nursing Center

A multi-million dollar facility for the School of Nursing was completed in December 1981, and occupied in January 1982. The building is located at 4849 Essen Lane. It provides space and resources for teaching-learning and research activities. The majority of the upper division activities of the School of Nursing are conducted at this center.

## Livingston Parish Literacy and Technology Center

Opened in fall 2005 as a cooperative venture with the Livingston Parish School System and the citizens of Livingston Parish, the Livingston Parish Literacy and Technology Center, a 39,000 square foot facility, is located at 9261 Florida Boulevard in Walker, Louisiana. The mission of the center is to improve the level of education and quality of life for the citizens of Livingston Parish. The center offers a variety of educational programs including credit courses, business training, community music programs, youth programs, and summer academic camps.

## University Health Center

The University Health Center provides an outpatient clinic for the care of most minor illnesses and injuries involving students enrolled at Southeastern. A Nurse Practitioner is available during appointed clinic hours. Medications prescribed by the practitioner must be obtained from a pharmacy at the student's expense. Any laboratory work, x-rays and certain extraordinary services may be done at a local hospital or doctor's office which also has to be paid by the student.

Appointments can be easily made on our website, [www.southeastern.edu/admin/health\\_ctr](http://www.southeastern.edu/admin/health_ctr), using either a PC or smart phone. In case of accident or severe illness, students may report to any hospital emergency room for treatment through their personal insurance coverage.

All new patients must complete a Health History Form. All health history information will be put into our Electronic Medical Records. The information is completely confidential and is reviewed only by professional staff members.

Students must furnish proof of immunization for two MMRs (Measles, Mumps, Rubella), Meningitis and up-to-date Tetanus/Diphtheria. Hepatitis B vaccinations and Tetanus are available at the University Health Center for a fee. Flu vaccinations are also offered to students, faculty, and staff beginning in mid-October.

We encourage everyone to visit our website, [www.southeastern.edu/admin/health\\_ctr](http://www.southeastern.edu/admin/health_ctr), for additional useful information.

## Student Insurance

The university recommends that all students have adequate health and accident insurance. Insurance is required for all International Students.

## Athletics

The university encourages intercollegiate athletics and intramural sports. Intercollegiate athletics and intramural sports are integral parts of the university program which attempts to carry out the overall aims and purposes of the university.

The Vision of the Athletic Department is to be the premier athletic department in the Southland Conference. The mission of Southeastern Athletics is: committed to excellence in the CLASSROOM, in the COMMUNITY, and in COMPETITION with the Core Values of: Discipline, Honesty, Integrity, Respect, Accountability, and Loyalty as foundational pillars of the department.

Further information about Southeastern Athletics can be found at the following social media locations: <http://www.lionsports.net/>, Instagram@southeastern\_athletics, Twitter@sluathletics, Facebook@sluathletics.

**Intercollegiate Sports:** Policies governing the intercollegiate athletic program are established by the Athletic Committee. The university is a member of the National Collegiate Athletic Association and competes at the Division I level as a member of the Southland Conference. The purpose of the program is to provide students with the opportunity to engage in competitive activities that aid in the development of skills, good sportsmanship, leadership, self-discipline and improved community relations. Therefore, the mission of Southeastern Athletics is to develop and maintain an Athletics program that emphasizes academic and competitive excellence and promotes the holistic development of the student-athlete and image of Southeastern Louisiana University within the NCAA guidelines.

**Recreational Sports and Wellness:** The Recreational Sports and Wellness Department provides a comprehensive recreation, wellness and intramural sports program and safe facilities for the students, faculty, staff and guests. The Claude B. Pennington Jr. Student Activity Center, located on the corner of General Pershing and University Avenue, houses four full basketball courts, two aerobic dance rooms, a large meeting room with demonstration kitchen, and a 1/8 mile indoor jogging track.

A variety of fitness and health programs are offered by the department, providing you the opportunity to follow a healthier lifestyle. Come improve your health by participating in one of our group fitness classes such as: Tai Chi, spin, core, etc., or by working with one of our exceptional personal trainers or our nutritionist.

Sports offered through the Intramural Sports program provide "something fun for everyone." You can join the fun by signing up for one of our competitive leagues or by just enjoying the leisure side of things. Attending Late Night Southeastern, playing pick-up games or relaxing in the sauna are some of the many leisure activities the facility has to offer.

North Oak Park, located just north of the Student Activity Center, is 32 acres with a beautiful pond, one-mile paved, walking track, fitness stations, four multi-purpose fields, three lit fields, a concession area, picnic huts and a playground. The park is home to Recreational Sports and Wellness' intramural program and the Lady Lions Softball team.

In order to provide all of its services and programs, the department hires more than 50 student employees each semester. We invite all interested, elite students who have a positive attitude and enjoy people to apply for employment with the department. RSW student employees are the key guest relations managers and help the department provide fun programming, efficient services and most importantly, quality customer service.

For more information about student worker positions, programs, services and facilities go to [http://www.southeastern.edu/admin/rec\\_sports/](http://www.southeastern.edu/admin/rec_sports/) or stop by the Pennington Center control desk.

## University Advancement

The Division of University Advancement operates to promote Southeastern, enhance its reputation, and foster volunteer involvement and private investment by creating and stewarding meaningful relationships. Advancement is comprised of five components: Advancement Services, Affiliate Accounting, Alumni Relations, University Marketing and Communications, and Development. Working closely with the Southeastern Alumni Association, the Southeastern Foundation, and the Lion Athletics Association, Advancement collaborates with the campus and external communities to advance and support the university's mission. Responsibilities of the entire division include fundraising, external university marketing and communications, and supporting programs for alumni relations.

University Advancement is located in Dyson Hall, and its campus phone number is 985-549-2239.

## The Alumni Association

With over 65,000 graduates across the country, the Southeastern Louisiana University Alumni Association provides a lifelong connection to the University and fellow graduates through a variety of programs, services and engagement opportunities. Among the projects of the Alumni Association are Alumni Awards Banquet, class reunions, Homecoming, football and baseball tailgates, Lion4Life Launch party for graduating seniors and many chapter events. The Alumni Association also sponsors Southeastern Connect, an online community for mentorships and career development, as well as the official Southeastern ring and Lion Legacy programs.

Southeastern Louisiana University graduates automatically receive their first year's membership in the association free-of-charge so they can become informed immediately about upcoming events and important issues. For more information about events, chapters in your area or how to get more involved, call 1-800-SLU-ALUM, or check our website at [southeastern.edu/alumni](http://southeastern.edu/alumni). We invite you to follow us on Facebook, Twitter, Instagram and LinkedIn, and keep up with what is going on at our university.

## The Development Office and Southeastern Louisiana University Foundation

The purpose of the Southeastern Development Office, is to plan, coordinate and implement comprehensive fundraising strategies to maximize gifts in support of Southeastern by matching donors' passions with institutional needs and priorities. Current initiatives include student scholarships, advancing academic programs, student-athlete support, endowment and general University support. The Development Office accomplishes this work in partnership with the Southeastern Louisiana University Foundation. The Foundation receives, invests, manages, and accounts for private gifts and contributions for the benefit of the University and for its charitable and educational operation.

For information about philanthropic opportunities at Southeastern, call [985-549-2239](tel:985-549-2239) or visit [southeasternfoundation.org](http://southeasternfoundation.org)

## The Southeastern Channel

The Emmy-winning Southeastern Channel is Southeastern Louisiana University's official television channel, which can be seen by a potential viewing audience of 250,000 on Charter Cable Channel 199 in Tangipahoa, St. Tammany, Livingston and St. Helena parishes. The live 24/7 webcast and Video on Demand archives are currently viewed in 46 states and 47 countries monthly at [www.thesoutheasternchannel.com](http://www.thesoutheasternchannel.com). The channel can also be found on Facebook, Twitter, YouTube, Instagram, and Google-Plus.

The Southeastern Channel has been named first-place "Best College TV Station in the South" multiple times and is the only university TV station in Louisiana history to have won Emmy Awards. Southeastern Channel student productions have won first place in the nation presented by

College Broadcasters, Inc. multiple times at the National Student Production Awards. With a variety of educational, entertainment, informational, community, sports and student programming, the channel provides a valuable educational asset for the citizens of southeast Louisiana, as well as for the students of Southeastern, demonstrating the university's commitment to education, its students and the entire southeast Louisiana region.

The Southeastern Channel's broadcast lineup is comprised almost entirely of original programming with over 50 original series produced by staff and students, winning over 300 national, international and regional awards, including 15 Emmys, in its 15 years of existence. With its state-of-the-art facilities located at the University Center, the channel works hand-in-hand with the Department of Languages and Communication to train students, equip them, and advance their job opportunities in the fields of television, video and film production and broadcast journalism. Channel graduates now hold jobs both on-camera and behind-the-camera at television stations and film and video production companies throughout the country and in virtually every market of the region. The channel's main mission is to help lead the educational, economic and cultural development of our region.

## Office of Technology

The Office of Technology includes three departments: Client Services, Enterprise Resource Planning and Client Connectivity. The Office of Technology also includes the Solutions Team and Web Development Team. The Client Services group consists of the Customer Service Center, Desktop Support, Telephone/Data Support Center (data, phone and video) Student Technology Center, and Computer Equipment Resales. The Enterprise Resource Planning group consists of the Database Team, Programming and Quality Assurance. The Client Connectivity group consists of Systems Engineering, Student Interns and Systems Administration. The mission of the Office of Technology is to enhance and effectively utilize a progressive technological infrastructure, including the enterprise resource planning system, content management system, learning management system, and communication systems; and to ensure that students, faculty and staff have the opportunity to take advantage of current and emerging technology resources in alignment with the university's mission of leading the educational, economic, and cultural development of Southeast Louisiana.

The Office of Technology serves the university as an administrative and instructional facility, providing computer support for students, faculty and staff, and supports other technology services required by the university. The Office of Technology supports more than 200 physical servers, over 200 virtual servers, 700 virtual desktops, and more than 200 terabytes of storage. These servers are used to host the university's PeopleSoft and Workday administrative applications, the Moodle learning management systems, as well as other academic and administrative systems. As we implement Workday to replace PeopleSoft in the next few years, the number of onsite servers may be reduced. Many of the new systems rely on virtual servers and cloud based systems.

A fiber optic backbone connects every building on campus and serves local and remote labs, classrooms, faculty, and staff offices. Fiber-optic lines to Baton Rouge, Livingston, Ruston, and downtown Hammond provide Internet and network connectivity for users and systems at those campuses. Through the use of compressed video, the university is also connected to any other campus in the state included in the Board of Regents Video Network. Three uninterruptible power supplies and a natural gas/propane generator allow the data center to continue functioning in the event of a power failure. In the event of a disaster that incapacitates the data center, core administrative and academic applications can be moved quickly to back-up systems at our Business Continuity Center. University telephone services are provided through Avaya PBX and ShoreTel VOIP systems.

The above systems support a variety of software for programming (COBOL, C, C#, perl, python, php), database development (Oracle, PeopleSoft, MS-SQL, MySQL). Statistical packages available include SPSS and SAS.

The Southeastern network gives personnel access to supercomputers and other services via e-mail, SSH and WWW. A 2Gbps connection through Hunt Communications serves as the primary Internet bandwidth for the main campus and dorms. A 1Gb connection through Charter provides internet access for our wireless users. A redundant multi Gb Internet connection is also available through LONI, the Louisiana Optical Network Initiative.

All students, faculty and staff are automatically assigned a network account upon registration or employment. Information about the Office of Technology and education in the use of technology is provided through online information, short courses and consultation with Client Services. The university utilizes servers running Linux and Apache for web server access. Web services include HTML, php and multimedia streaming. Students are allowed to establish personal web pages under Google web services. Southeastern can be found on the web at [www.southeastern.edu](http://www.southeastern.edu). The voice system can be reached at [1-800-222-7358](tel:1-800-222-7358) or [985-549-5800](tel:985-549-5800). The Office of Technology's web page is located at [www.southeastern.edu/admin/technology](http://www.southeastern.edu/admin/technology).

High speed Internet and wireless access is also available in all university housing facilities. A secure wireless network is available to all Southeastern students, faculty and staff. Visitors and guests may also have access. To find out more about our wireless network and the growing number of hot spots around campus, visit [www.southeastern.edu/admin/cc/network/wireless/coverage/](http://www.southeastern.edu/admin/cc/network/wireless/coverage/).

Additional computing support is offered through local area networks and associated file servers. These networks make available word processing software and permit faculty and staff to send and receive electronic mail. Google Apps have also been made available.

There are approximately 50 computer labs on- and off-campus for support of the students, faculty and staff. The equipment in these labs range from virtual computing stations to multi-media PCs, printers, scanners, and CD/DVD players.

Open labs with 76 seats available to all students and majors are available in the Student Technology Center. Complete schedules for all labs, as well as a full list of services, can be found on the Student Technology Center website <http://www.southeastern.edu/admin/sps/>.

The Student Technology Center, which is managed by Student Productivity Services, offers an equipment checkout service to actively enrolled students. Laptops, tablets, projectors, digital cameras, digital video cameras, graphing calculators, audio recorders, device chargers and tripods are available for checkout. For a specific list of the items available and to find out how to check out this equipment visit <http://www.southeastern.edu/admin/sps/manemedia/index.html>.

A Student Computer Help Desk, also a part of the Student Technology Center, provides phone support for Southeastern students in various aspects of technology including online course issues, Internet questions, Southeastern-related information, Student Technology Fee supported software applications and e-mail account questions. Moodle, Gmail, and LEONet training are available to actively enrolled students. To schedule a session, students can sign up online at <http://www.southeastern.edu/admin/sps/training/registration/index.html>. The Student Computer Help Desk, as well as any other services provided by the Student Technology Center, can be reached by calling 985-549-2700.

Student Productivity Services is responsible for staffing and maintenance of all computer labs operated under the Student Technology Fee. Student Technology Assistants and Graduate Assistants are hired and trained to assist students with technology needs.

Southeastern offers compressed video classes on the main campus. Instructors can originate in a classroom on campus, and transmit to other locations. The room can also receive compressed video classes from other universities. We utilize Video over IP to deliver the classes. The equipment includes Polycom Codecs, large monitors, cameras, and a projector. The selection of sources in the room includes a document camera and PC video output. Southeastern also employs the latest A/V technology in more than 100 classrooms throughout the campus, thus enabling instructors to deliver content-rich multimedia lectures and presentations.

## Center for Faculty Excellence

The Center for Faculty Excellence was established in the Fall of 1997 to promote and facilitate an environment in which teaching and learning are the subjects of serious discussion, debate, and inquiry among faculty, thereby producing a campus climate where both teaching and research are recognized as significant scholarly work. Our mission is to assist faculty by providing opportunities for personal and professional growth, for innovation and experimentation, and for change and renewal.



We achieve our mission by providing professional development opportunities in the areas of teaching and learning; sponsoring workshops, info sessions, discussions, and webinars on a variety of topics; providing instructional and technical support for electronic learning; assisting in the production of audio, video, photographic and graphic media for instructional use; and promoting appropriate pedagogical use of technologies.

## The Orr Research Fund

The Orr Research Endowment was established in 1984 by Dr. Guss Orr, former Dean of the School of Humanities, in memory of his parents, William H. Orr and Leona Hubbard Orr. The income from the fund is used to offset certain costs associated with the research, scholarly or creative activities of tenured faculty. The endowment is administered by the Center for Faculty Excellence and the Southeastern Development Foundation.

## The Office of Experiential Learning

The Office of Experiential Learning was created to coordinate the activities for Southeastern's Real World Ready initiative. Now under the umbrella of the Center for Faculty Excellence, it provides resources for assisting faculty as they develop new or enhance existing courses that include performance-based, practical, applications of knowledge as class components. The office promotes a culture of improved learning that prepares students to be workforce ready upon graduation, while integrating best practices and academic rigor. For more information about experiential education at Southeastern, visit <http://www.southeastern.edu/realworldready/>.

## The Office of Online Learning

The Office of Online Learning, under the umbrella of the Center for Faculty Excellence, supports faculty and students in their pursuit of high-quality, online teaching and learning opportunities. The Office is an informational hub for exploring Southeastern's online course offerings and programs. Along with its university partners, the Office works collectively to ensure all online courses align with best teaching practices and meet all certification standards. As a resource provider, the Office also facilitates ongoing professional development and training opportunities to assist faculty in the creation and delivery of online courses. The Office is located in Mims Hall, Room 128.

## Office of Disability Services

The mission of the Office of Disability Services is to ensure access for qualified students with disabilities, promote self-advocacy skill development, and provide guidance to the university community to enhance the understanding and support of students with disabilities.

ODS provides disability-related accommodations to students who are qualified and self-identify with the office. These services may include classroom accommodations, testing accommodations and the use of auxiliary aids. We work closely with other departments to facilitate these accommodations. The office also provides outreach and education to increase disability awareness within and around the Southeastern Louisiana University community.

To receive accommodations, students with disabilities must self-identify by providing current documentation from an appropriately licensed professional on official stationery regarding the nature and extent of the disability and the recommended accommodation(s). Detailed self-identification, documentation and accommodation request information is available from the Office of Disability Services.

## Office of Testing

The Office of Testing is the assessment center for national and accommodation testing. Some of the major exams administered through this office include Accuplacer, Major Field Assessment, the Praxis, ACT, LSAT, ParaPro, HISET, CLEP, DANTES, NLN, SAT and independent study exams. Students who need more information regarding these exams should contact the Office of Testing by accessing the office's website, [www.southeastern.edu/admin/testing](http://www.southeastern.edu/admin/testing).

The Office of Testing also plays a major role in providing the necessary conditions for those students seeking special and/or accommodations testing. Some of the accommodations provided by the office include:

1. Low-distraction testing environment
2. Extended testing time
3. Test enlargement
4. Test reformatting
5. Orally-proctored tests

Those students seeking special and/or accommodations testing must first self-identify with the Office of Disability Services.

## Vocational Rehabilitation

Vocational Rehabilitation, the flagship program of Louisiana Rehabilitation Services, is a one-stop career development program that offers individuals with disabilities a wide range of services designed to provide them with the skills, resources, attitudes, and expectations needed to compete in the interview process, get the job, keep the job, and develop a lifetime career. To be eligible for vocational rehabilitation services, the individual must:

- Have a physical or mental disability which for the individual constitutes or results in a substantial impediment to employment; and
- Be able to benefit from vocational rehabilitation services in terms of employment; and
- Require vocational rehabilitation services to prepare for, enter, engage in, or retain gainful employment.

To apply for services, students may contact their local LRS Regional Office for their home parish. The directory can be found on the LRS

website [http://www.laworks.net/WorkforceDev/LRS/LRS\\_RegionalOffices.asp](http://www.laworks.net/WorkforceDev/LRS/LRS_RegionalOffices.asp)

## Policy for Official Communication by Email

Southeastern will use the university-provided e-mail accounts for addressee-specific official university communications to and among faculty, staff and students. Such e-mail would include individually-addressed messages about university business-related issues, as well as "group mail" messages such as payroll advice notices, registration appointments, notices of registration holds, etc. Requests to substitute non-Southeastern e-mail addresses for purposes of official communications will not be honored.

## Computer Policies

The university's computer policies for the general use of computing equipment and facilities and for World Wide Web publishing are posted on the university's website. It is the responsibility of all faculty, staff and students to be familiar with the policies and to abide by them.

Southeastern Louisiana University's World Wide Web home page is an official publication of Southeastern Louisiana University. Unless otherwise indicated, information contained on official university pages may be freely used for non-commercial purposes under the condition that the source of the information be properly acknowledged. Text and graphics appearing on official pages that are the exclusive property of Southeastern Louisiana University will be duly noted and should not be reproduced without written permission.

# Admission Criteria and Academic Regulations

This catalogue, issued in the summer of each year, is intended to give such a description of the work of the University and such a digest of its rules as are needed by the students. By the end of the academic year, a new catalogue will have been issued superseding all previous catalogues. The catalogue year will begin on June 1<sup>st</sup> each year.

## Student Responsibility

All colleges and universities establish certain requirements which must be met before a degree is granted. These requirements concern courses, majors, minors (if needed), grades, grade point average(s), senior residency, and other stipulations with which the student must comply. Advisors, department heads, and academic deans will help a student meet these requirements, but the student is responsible for fulfilling them. It is the student's responsibility to schedule needed courses, complete prerequisites where necessary, and plan ahead so that all requirements will be fulfilled. Upon the completion of required course work, personnel of the University will determine whether or not the student has met the requirements for a degree. If the requirements have not been met, the degree will be refused until such time as they have been completed. For this reason, it is important for each student to become acquainted with the degree requirements and to remain informed of subsequent changes.

Also, it is necessary in the general administration of a university to establish broad policies and to lay down certain regulations and procedures by which they may be carried out. It is important that a student understand the policies and know the regulations and procedures which must be followed.

This catalogue is presented, therefore, not only to enable prospective students and others to learn about Southeastern Louisiana University, but to state policies, requirements, regulations, and procedures in such form as will be helpful to the student. Students must abide by the current catalogue for all University rules, regulations and policies.

## The University Year

The University year is divided into three semesters: summer, fall, and spring. The summer semester begins approximately the first week in June and is completed approximately the last week of July. The fall semester begins approximately the last week of August and is completed approximately the second week in December. The spring semester begins approximately the third week of January and is completed approximately the second week of May. See the calendar at the beginning of the catalogue for specific dates.

## Admission to the University

The University administers all admission programs in compliance with policies established by the University of Louisiana System Board of Supervisors and Louisiana's Board of Regents. The University reserves the right to deny admissions in instances which would be detrimental to the student or which would interfere with the capacity of other students to benefit from the educational experience. The Admissions and Readmissions Committee has the authority and responsibility to review any question pertaining to admission and readmission.

All undergraduate applicants entering through any type of application for admission or readmission must submit the application and non-refundable application fee to either the Admissions Office or Controller's Office based on the following schedule.

### Summer

Apply by May 1

\$20 application fee

Apply between May 1 – May 15

\$20 application fee + \$50 late fee

No application accepted for Summer after May 15

**Fall**

Apply by July 15

\$20 application fee

Apply between July 15 – August 1

\$20 application fee + \$50 late fee

No applications accepted for Fall after August 1

**Spring**

Apply by December 1

\$20 application fee

Apply between December 1 – December 15

\$20 application fee + \$50 late fee

No applications accepted for Spring after December 15

Graduate applications may meet earlier deadlines. See the individual department websites for Graduate Program dates. International students must also meet earlier deadlines. See the International Student section of this catalogue for specific dates.

Applicants who file early will receive information regarding early registration and orientation options. All application inquiries should be directed to: Office of Admissions, SLU 10752, Hammond, LA 70402, or [admissions@southeastern.edu](mailto:admissions@southeastern.edu).

## Definitions of Entry Status

**Beginning Freshman** – Applicant who has never attended any college or university after completing high school requirements and who has earned 0-29 college/university credit hours.

**Transfer Student** – Applicant who has attended one or more colleges or universities, other than Southeastern, after completing high school requirements.

**Readmission Student** – Applicant who has previously attended Southeastern after high school graduation.

**Graduate Student** – Applicant seeking admission to graduate studies as a new, readmission or transfer graduate student (See section on Graduate Studies).

**Guest Student** – Applicant seeking admission for one semester only with the intention of returning to his/her “home” institution.

## Admission Criteria and Academic Regulations Undergraduate Applicants

To be admitted to Southeastern, the following criteria must be met:

### Beginning Freshmen from Louisiana High Schools

To be fully admitted to Southeastern, first-time freshmen who graduate from a Louisiana public or private high school must meet the following four criteria:

1. Completion of the Regents Core Curriculum (See the Regents Core Curriculum).  
**And**
2. Have no more than one developmental course requirement (See definition of Developmental Courses).  
**And**
3. Have a minimum high school cumulative GPA of 2.35 on a 4.0 scale  
**And**
4. Meet one of the following criteria:
  - a. ACT composite of at least 21  
**Or**
  - b. Have a minimum Regents Core GPA, as reported by the Louisiana Department of Education, of a 2.0 on a 4.0 scale.

**Note:** Students who do not meet one or more of these criteria may be admissible through an alternate path. Submit application materials and contact the Office of Admissions.

**Beginning Freshmen from Out-of-State High Schools or from Home School Programs:**

To be fully admitted to Southeastern, first-time freshmen who graduate from an out-of-state high school or from a home school program must meet the criteria in one of the following three options:

1. Meet the same criteria as students who graduated from a Louisiana public or private high school as listed above.

**Or**

2. Meet **all** the following criteria:
  - a. ACT composite of at least 21.
  - b. Have at least 17 units of the required 19 units of the Regents Core Curriculum.
  - c. Have at least a High School Cumulative GPA of 2.35 on a 4.0 scale.
  - d. Have at least a Regents Core GPA of 2.0 on a 4.0 scale on 17 units of the required 19 units.
  - e. Have no more than one developmental course requirement (See definition of Developmental Courses).

**Or**

3. Have an ACT composite of at least 23 and:
  - a. Have a minimum High School Cumulative GPA of 2.35 on a 4.0 scale and
  - b. Have no more than one developmental course requirement (See definition of Developmental Courses).

**Note:** Students who do not meet one or more of these criteria may be admissible through an alternate path. Submit application materials and contact the Office of Admissions.

**Beginning Freshman receiving a GED, HiSet, or High School Equivalency Diploma:**

To be fully admitted to Southeastern, these students must:

1. Have an ACT composite of at least 23

**And**

2. Have no more than one developmental course requirement (See definition of Developmental Courses)

**Note:** Students who do not meet one or more of these criteria may be admissible through an alternate path. Submit application materials, then contact an admissions counselor to discuss other possible options.

### Additional Documentation

**Beginning Freshmen and Transfer students with fewer than 18 transferrable hours earned:**

- If you graduated from a Louisiana high school before 2004 or from an out-of-state high school, you will be required to submit an official copy of your high school transcript upon applying to the university. Initial admissions decisions may be based on your six or seven-semester transcript. An official final high school transcript containing the date of graduation must also be submitted after graduation.
- If you took the GED, a copy of your scores or your diploma must accompany your application.
- Students must have completed the Board of Regents Core Curriculum in place at the time of their high school graduation.
- Students who graduate from a home study program must submit a copy of their home-school transcript.
- ACT scores are a requirement for admission and are used for placement in English and Math. If you have not taken the ACT, you need to register for the next available test date and have your scores sent to Southeastern Louisiana University - college code (1608). Scores must be sent directly to Southeastern by ACT. Only the official ACT score report will be accepted. Applicants may submit official SAT scores in place of ACT. SAT scores will be connected using the concordance tables provided by college source. Southeastern's college code is 6656.

**All Applicants:**

- All applicants must complete and submit the Proof of Immunization Compliance to the Admissions Office before full admission to the University can be granted.

- All applicants must submit official, final transcripts from all colleges and universities attended including credit received through Dual Enrollment.

### Definitions

#### Developmental Courses Defined

- Students earning an ACT Math component score of 18 or below will need developmental Math.
- Students earning an ACT English component score of 17 or below will need developmental English.

#### Developmental Course Completion Requirement

A student required to enroll in a developmental Math or English course may be required to complete the course with another college or university. Southeastern currently has a partnership with Northshore Technical Community College (NTCC) in which students may take NTCC developmental courses on Southeastern's main campus.

#### Regents Core Curriculum Defined

Subjects	Units	Courses
English	4	English I, II, III, and IV
Mathematics	4	One unit of Algebra I, One unit of Algebra II. One unit of Geometry. One unit from Pre-Calculus, Functions and Statistics, Calculus, Probability and Statistics, Algebra III, Trigonometry, Advanced Pre-Calculus, or a comparable advanced math.
Science	4	One unit of Biology. One unit of Chemistry. Two units from: Physical Science, Physics I, Biology II, Chemistry II, Earth Science, Environmental Science, Physics II, Agriscience II, Anatomy and Physiology, or a comparable science.
Social Studies	4	One unit of Civics or Government. One unit American History. Two units from: World History, Western Civilization, World Geography, European History. One unit from Psychology, Sociology, African American Studies, Religion I-IV (for nonpublic schools), History of Religion, Economics, or a comparable social studies.
Foreign Language	2	Two units in the same language.
Art	1	Fine Arts Survey or one unit of Art, Dance, Music, or Theater, or a comparable art course. One combined unit of Speech III and IV.
<b>Total</b>	19.0	

Certain IB and AP credits may be substituted for Core courses. Contact an Admissions Counselor to get more information on possible substitutions.

#### Accuplacer Exam

Accuplacer is a computer-based test designed to assess an individual's knowledge of subject areas. Southeastern administers two subject areas: Math and English. These exams are used to remove developmental requirements placed on a student based on ACT scores. The Accuplacer exam may not be used in place of the ACT test that is required for Admission. The Accuplacer exam is not timed. Accuplacer exams are administered Monday through Thursday, by appointment in the Testing office. Students may not place out of developmental requirements if they have earned a final grade in

the course (or its equivalent) at an accredited college or university. A non-refundable administrative fee of \$10 is assessed for each exam.

### **Admission Appeal**

Students who do not meet the regular admission criteria listed above will have an opportunity to appeal the admission decision. Admission under alternative criteria may be granted, based on life experiences, exemplary leadership, artistic ability, or a student's ability to succeed. Alternative criteria appeal forms may be obtained at the Office of Admissions. Alternative criteria appeal applications, as well as the decision made on those appeals, are honored for only the semester of original application and may not be forwarded to a future semester should the student choose not to attend. The Alternative Criteria Application and all appeal documentation must be submitted to the Office of Admissions before an appeal decision will be made by the committee.

### **Freshman Orientation**

Freshman Orientation is a program designed to transition new students to the university environment, and it is required of any student enrolling in Southeastern for the first time and classified as a freshman (29 or fewer transferable hours earned).

### **The ACT**

Southeastern requires official scores on the ACT from all beginning freshmen and transfer students who have fewer than 18 earned hours of college credit (non-developmental). Test results may also be required of upper-class transfer students if developmental and general education needs cannot be determined from transfer credit. The ACT battery of test scores is used for admission and placement purposes. The test may be taken more than once in order to improve scores.

The test is administered at a number of centers in Louisiana as well as centers in other states and foreign countries. Administration dates can be found on the ACT website, [www.act.org](http://www.act.org), or by contacting the Testing Office at Southeastern. Normally, the ACT is offered on a Saturday each September, October, December, February, April, and June. High school juniors and seniors who plan to enter Southeastern should register to take the test at one of these times. The necessary materials for registering to take the test may be obtained from the high school counselor, the high school principal, or the Southeastern Testing Office. All beginning freshmen must have taken the ACT prior to registering for classes. Athletes must have taken the ACT no later than June for Fall registration and October for Spring registration. Applicants may submit official SAT scores in place of ACT. SAT scores will be converted using the concordance tables provided by College Source. Southeastern's SAT college code is 6656.

## **Special Program Options for New Students**

### **Dual Enrollment Program**

Southeastern has entered into cooperative agreements with high schools and school systems in the region to offer dual enrollment opportunities to qualified high school students. Students who meet the criteria for participation in the Dual Enrollment program and have the required permissions from the parent/guardian and the high school administrators are eligible to earn both college and high school credit. Students remain in the high school setting taking high school classes in which the content has been elevated to college-level work while their teachers work collaboratively with Southeastern faculty to present the material. The students are enrolled concurrently in the college course as a guest student, and upon successful completion of the course, earn credit for both college and high school courses. Students can earn a maximum of 27 hours of college credit through Southeastern's Dual Enrollment program. Interested students should consult with their high school counselor or principal to obtain application materials and information.

### **Early Admission**

Early admission will be allowed if a high school student has made a B (3.0) or better average during six semesters of high school, and has an ACT composite score of at least 25, have no more than one developmental course requirements (See definition of Developmental Courses), and has been recommended by his/her high school principal. Upon earning 24 semester hours of college credit, the student may be granted a high school diploma upon approval by the appropriate Board of Education.

The student should initiate the process by speaking with their high school counselor and then contacting the Office of Admissions. Federal (Title IV) financial aid is not available for students participating in this program.

### **Program for Gifted-Talented Youth**

Southeastern Louisiana University offers a program for gifted-talented youths who may desire to take courses on a more advanced level in a college-oriented environment.

Selection of students is restricted to secondary grades. Students must present evidence of high intellectual or creative abilities and should possess the maturity to succeed in an adult competitive setting.

Documentation should include scores on standardized tests showing results in the 95th percentile/higher or grade placement at the 12.0 grade/higher level, or an ACT composite score of 22 or higher with no more than one developmental course requirements (See definition of Developmental Courses), and a high school transcript with at least 3.0 GPA. Evidence of creative abilities can be documented by awards in competitive performances or by recommendation of teachers. Recommendation of teachers in the specific area of desired curriculum should accompany the application. Granting of high school credit for university work is based on the applicant having met parish and state criteria for gifted-talented students and the parish regulations governing same. Applicants must secure written recommendations and approval of the school principal, parents or legal guardian, the department head, and the instructor of the specific course(s) in which enrollment is desired. The Office of Admissions will provide information.

All fees regularly charged to part-time students will also apply to the Gifted-Talented Program. Students may enroll for a maximum of two courses per semester. Federal (Title IV) financial aid is not available for students participating in this program.

Transcripts will be maintained in the Office of Admissions and will note the nature of the program and the admission status (Gifted-Talented Program). College credit will be reserved until graduation from high school or until early admission as provided for by action of the University of Louisiana Board of Supervisors. High school students who do not successfully complete a course may not be permitted to re-enroll until graduation from high school.

### **Special Program for Adults (SPA) Non-Degree**

Persons wishing to pursue credit courses without meeting the full requirements for admission to undergraduate status may apply to the Special Program for Adults (SPA) by completing a regular application for admission and submitting all the necessary documentation by the appropriate deadlines. Adults who have not attended high school or college for at least three years may apply for participation in this non-degree program and may enroll in one or two undergraduate courses for personal growth. Applicants must have a high school degree or the equivalent. A person who has previously attended an institution of higher education must be eligible to return to that institution to qualify for the program. Louisiana residents 60 years of age or older will be allowed to take 3 credit hours tuition-free. Admission under the SPA program is for two semesters. A new application for continuation must be submitted for additional semesters.

If accepted to the program, all university deadlines, fees, and other regulations apply to SPA enrollment. All courses taken carry full academic credit and will appear on the transcript. Courses taken during enrollment in the Special Program for Adults, however, may or may not apply to a degree should the student decide to pursue a degree in the future. The student should consult with the department head of their intended major if they decide to pursue a degree. SPA students will be required to have ACT scores on file or proof of prerequisite completion prior to scheduling any English or Mathematics courses. Students may contact the Office of Admissions for more information about the Special Program for Adults. Federal (Title IV) financial aid is not available for students participating in this program.



### **Special Projects/TRIO**

**TRIO Grants** are designed and implemented to promote the educational and cultural preparation, development, and advancement of diverse populations to assist in academic success for junior high, secondary and post-secondary students. Pre-college preparation, assistance in post-secondary enrollment, and services that enhance academic and non-academic student success are included in the comprehensive array of services available for student involvement. Collectively, these programs serve approximately four thousand participants annually.

**The Classic Upward Bound** program provides the academic strength, skills, and motivation in high school students to ensure success in post-secondary education. On Saturdays and during a six-week on-campus summer program, participants receive instruction in literature, composition, foreign language, mathematics, and science. Qualified high school juniors and seniors can earn college credit while working with the program.

**Math-Science Upward Bound** provides a center to offer a mathematics and science curriculum to high school students in a five-parish area for the purpose of preparing them to enroll in high school mathematics and science courses, and upon graduation, to enroll in a post-secondary institution in a math science curriculum. These students participate throughout the academic year through Internet-based assignments and attend a six-week summer residential program where college professors mentor and guide their learning and research. Participants qualify to earn college credit while they are juniors and seniors in high school.

**The Educational Talent Search Program** assists students in persisting with and completing secondary school, as well as enrolling in a post-secondary educational program. Academic and social needs of high school juniors and seniors are addressed by offering academic tutoring, LEAP remediation, and workshops in the areas of financial aid, personal and career counseling, ACT testing, enrollment, and essential life skills.

**The Educational Opportunity Center** targets adult citizens 19 and older by providing educational preparation through tutoring, workshops, and pre/post-testing for entrance into institutions of higher education. Other services include career exploration and financial aid assistance.

**Veterans Upward Bound** provides veterans with assistance and services to obtain the skills and motivation necessary to pursue a program of post-secondary education. Academic and career assessment, academic instruction and tutoring, enrollment and admission services and other enrichment activities are provided to veterans at both the main campus and at the Baton Rouge Center.

### **Southeastern Scholars Programs**

Southeastern Louisiana University permits enrollment to superior high school students who have a proven high academic record, along with the recommendation of their principal. High school students who have an ACT composite of 24 or higher and a high school GPA of a 3.0 or better and no more than one developmental course requirement (See definition of Developmental Course requirements) can begin their college experiences at Southeastern during the summers and throughout the school year while they are still attending high school. Scholarships are available for part-time enrollment for qualified students who participate.

Students should not schedule any courses at the University in any subject where high school graduation requirements have not been met. Credit may be applied toward a degree when the student meets regular admission standards, including graduation from high school. Federal (Title IV) financial aid is not available for students participating in this program.

Students participating in the program must earn a minimum 3.0 cumulative and semester GPA on all Southeastern course work in order to continue receiving the scholarship. Students who are eligible to continue at Southeastern, but failed to maintain the 3.0 GPA, can continue in the program but will not receive the benefit of the scholarship. Students may request a reinstatement of the scholarship at the point that the minimum GPA requirements have been met. Southeastern Scholar forms may be

obtained in the Office of Admissions or by visiting Southeastern's website. They must be signed by the student's high school principal.

### **Summer Start Program**

Qualified high school graduates who have a 23 or higher ACT and 3.0 or better high school GPA, have no more than one developmental course requirement (See definition of Developmental Courses), and want to get a jumpstart on their college education may enroll in the Summer Start Program. Scholarship funding is available to assist during the summer following high school graduation.

## **Transfer Students from Other Universities or Colleges**

### **Eligibility**

Students transferring to Southeastern from another university or college must be eligible to re-enter the college or university from which they are transferring, and they must meet the minimum scholastic standards set forth elsewhere in this Catalogue for Southeastern students. Students must have their official transcripts from all institutions previously attended sent directly to the Office of Admissions (if hand carried, the transcript must be in an officially sealed envelope from the issuing institution). If a student is a veteran and was suspended, the student must be counseled by a VA representative before certification for entitlement. All suspensions from another university will be counted in the total number of suspensions. In the absence of academic action from the last session of attendance at a previous college or university, the same standards for suspension and dismissal will be applied as for Southeastern students.

**Southeastern will admit transfer students based on the following criteria:**

### **Transfer Students with fewer than 18 transferrable hours of college credit (excluding developmental courses):**

To be eligible for full admission to Southeastern, transfer students with less than 18 hours of transferrable college credit earned must meet the following criteria:

- Meet the same criteria for beginning freshmen as previously listed.  
**And**
- Have a minimum 2.0 cumulative transferrable grade point average on all college work (excluding developmental courses)  
**And**
- Be eligible to return to the last college or university attended.

### **Transfer Students with 18 or more hours of transferrable college credit (excluding developmental courses):**

To be eligible for full admission to Southeastern, transfer students with 18 or more hours of transferrable college credit earned must meet the following criteria:

1. Transfer an associate degree or higher from a regionally accredited institution and have a cumulative grade point average of 2.0 or higher.
2. Meet all of the following:
  - Have a minimum 2.0 cumulative transferrable grade point average on all college work (excluding developmental courses)  
**And**
  - Must have successfully completed a college-level English and a college-level mathematics course designed to fulfill general education requirements with a grade of "C" or better in both  
**And**
  - Be eligible to return to the last college or university attended.

**Entry options for Transfer Students with 18 or more transferrable hours that need one or more developmental courses:**

Students having a 2.0 cumulative transferrable grade point average, but are required to take one or more developmental courses may be admitted through an alternative path after completing one of the following options:

1. Continue enrollment at a prior institution or enroll in a community college to complete the developmental requirements prior to applying for admission as a transfer student to Southeastern.
2. Take the Accuplacer exam and obtain a passing score in all developmental requirements if no attempts at those courses have been previously made.

**Note:** Transfer students with 18 or more transferable hours may be required to provide official ACT scores to verify whether developmental requirements have been met.

### **Additional Documentation**

#### **Transfer students with fewer than 18 transferrable hours earned:**

See "Additional Documentation for Beginning Freshmen and Transfer Students with fewer than 18 transferrable hours earned" located after the beginning freshmen criteria in this section of the catalogue.

#### **All Transfer Applicants:**

All transfer applicants, including those with fewer than 18 transferrable hours earned, must provide official transcripts from all previously attended colleges and universities. International transcripts may require a course by course evaluation by an accredited agency listed with the National Association of Credential Evaluation Services (NACES) or the International Association of Universities (IAU).

Transfer students are encouraged to have official transcripts from all colleges and universities attended sent 30 days before classes begin.

## **Evaluation of Transfer Credit**

Courses evaluated by Southeastern for transfer credit from regionally accredited institutions will carry the grade earned at the institution where the courses were taken if the grading system used is comparable to Southeastern's grading system. However, credits earned at foreign colleges and universities will carry the grade of "P." Technical and vocational credits are not accepted, nor is credit accepted for varsity sports. Transfer students should become familiar with sections of this Catalogue concerning the grading system, course repeat policy, and other academic regulations. The extent to which any transfer courses may be applied toward a degree at Southeastern is determined by the Academic Dean and Department Head.

A transfer student may complete requirements for graduation in the Southeastern catalogue in effect at the time of enrollment as a freshman in a regionally accredited institution of higher education or any Southeastern catalogue within seven years of that date, unless the student elects to change to another curriculum, or there is a break of one calendar year or more in attendance at Southeastern. If there is a break of one calendar year or more in attendance, the student is subject to the catalogue in effect when re-entering, or any in effect for seven years thereafter. Students who change their curriculum will be subject to the catalogue in effect when change of major occurs, or any catalogue in effect for seven years thereafter.

Students who wish to transfer credits to Southeastern which were earned in a nontraditional manner, i.e., CLEP Subject or General Examinations, Advanced Placement, IB Credits, or Departmental Examinations, will have these evaluated by the Office of Testing and the Office of Records and Registration. Credit will be granted for Departmental Examinations and CLEP Examinations if the course(s) are listed on the student's official transcript with a passing grade or the equivalent, and are within the policies for credit at Southeastern Louisiana University.

Advanced placement credit will be given in areas in which Southeastern normally grants such credit as shown elsewhere in this Catalogue. Indication of the advanced placement credit must appear on the student's official transcript.

Credit is given at Southeastern for CLEP General Mathematics Examination. Transfer students with CLEP General credit, other than mathematics, on their transcript are encouraged to take the CLEP Subject Examinations or Departmental Examinations, which the University accepts for credit.

Transfer students who have question(s) concerning their transfer evaluation may request a review of the evaluation by their academic dean, their department head, the Director of Admissions, and/or the head(s) of the department in which the course(s) are offered at Southeastern. Requests must be made in writing to the Director of Admissions and must list the specific course(s) in question. The student may be required to furnish course descriptions and may be required to appear before the appropriate college or department personnel.

In order to facilitate a more efficient transfer of courses among public colleges and universities, the Louisiana Board of Regents has established a Master Course Articulation Matrix. This matrix indicates transfer equivalences of courses among Louisiana's public college and universities, and may be accessed through the Board of Regents' webpage at <http://regents.la.gov/page/master-course-articulation-matrix>. It remains, however, the prerogative of the receiving institution as to whether a course will count toward a particular major, whether a particular grade is required, or whether the course will satisfy general education requirements. Students should therefore always contact Southeastern prior to transferring courses.

Questions concerning transfer credits should be referred to the Director of Enrollment Services, SLU 10752, Hammond, LA 70402.

### **Acceptance of Credit Earned at a Non-Regionally Accredited Institution**

In evaluating credits earned at a non-regionally accredited institution of higher learning, Southeastern considers the transfer acceptance practices of a major university or state educational agency within the state where the institution is located. Transfer Credit Practices of Designated Educational Institutions (American Association of Collegiate Registrars and Admissions Officers) is used as a guide for this purpose.

### **Community or Junior College Transfer Credits**

All academic hours earned at a community or junior college will be posted on the Southeastern transcript upon the student's transfer. However, applicability of transfer credit to the student's Southeastern degree program is determined by the academic departments and colleges. No credit earned at a community or junior college may be used for credit at the 300 or 400 course level.

### **Concurrent Registration**

Any Southeastern student who wishes to take courses at another college or university should obtain prior approval (course elsewhere form) from the dean and department head to ensure transferability and degree credit. Work taken concurrently will independently be subject to the same regulations as transfer work, and must meet the minimum scholastic requirements as set forth for Southeastern students elsewhere in this catalogue. It will be at the discretion of the dean/department head to determine if a course not previously approved may be used toward degree credit.

The Office of Admissions will prepare Course-Elsewhere Approval Forms and, to the extent possible, cross reference numbers for the courses the student desires to take at another college/university and have transferred back to Southeastern. These forms must be signed by the student's dean and department head and returned to the Office of Admissions.

### **Cross-Enrollment**

Southeastern has entered into cross-enrollment agreements with the following institutions: Baton Rouge Community College, Delgado Community College, Northshore Technical Community College, Nunez Community College, River Parishes Community College, Louisiana State University (Army and

Air Force ROTC courses only), Southern University at Baton Rouge (regular courses as well as Navy and Marine ROTC), and Southern University of New Orleans.

Southeastern students may enroll in courses at the host institution if the courses are not offered at the home institution during the cross-enrollment semester. Southeastern students may take one course for each course taken at Southeastern, with a maximum of two courses per semester.

To cross-enroll, a Southeastern student must obtain a cross-enrollment form from the Office of Admissions, work with an admissions counselor to complete the form, and then take it to the student's department head and academic dean for approval signatures. The student then returns the form to the Office of Admissions so that the request can be processed. The cross-enrollment form is signed by the Director of Records and Testing at Southeastern and then forwarded to the host institution to complete the enrollment process. The student is registered for the course(s), and the tuition/fees for the cross-enrolled course(s) are added to the Southeastern fee statement. Any special fees (book fees, lab fees, etc.) associated with the cross-enrolled courses will also be assessed.

The Admissions Office will forward the approved form to the host institution to complete the enrollment process.

To withdraw from cross-enrolled classes, Southeastern students must follow the withdrawal procedures at the host institution. The host institution will then notify Southeastern of the withdrawal and Southeastern will process the withdrawal. The withdrawal deadlines of the host institution will apply. The fee payment deadlines and refund policy of the home institution (Southeastern) will be honored. All withdrawals will be processed based on the withdrawal date provided by the host institution.

### **Guest Students**

Students who are pursuing a degree at another institution but would like to take courses at Southeastern for one semester may be admitted as "guest students," provided they are in good standing at their "home" institution. A letter of good standing from the home institution will be required in lieu of academic transcripts. In cases where courses require pre-requisites, transcripts may be required. Guest students are not eligible for Federal (Title IV) financial aid.

### **Readmission of Former Students**

Students who have not been enrolled at Southeastern for the twelve (12) months prior to the term for which admission is sought, and students who wish to return after earning a degree at Southeastern, must file an application for readmission. Students on suspended status must also file an application for readmission if they are returning after the required suspension period. However, students under suspension are not required to file an application for readmission if they are returning to attend a summer semester that falls within their suspension period. In addition to filing the application for readmission, former students must also have sent directly to the Admissions Office any credits they earned since last enrolled at Southeastern (if hand carried, must be in an officially sealed envelope from the issuing institution). Students must be eligible to return to the school previously attended in order to readmit to Southeastern. A non-refundable application fee is required of all students who apply for readmission to the University. An additional late fee is charged if the application is received after the established deadline.

Applicants for readmission who file early may be entitled to early register for the next semester.

### **International Students**

All students who are not citizens of the United States or who do not possess a resident alien card are classified as international students.

All foreign nationals applying for admission to Southeastern Louisiana University should contact International Services, SLU 10752, Hammond, LA 70402, USA, for admission information. Foreign applicants must submit the following materials before eligibility for admission can be determined:

1. Application for admission accompanied by a non-refundable \$30 (thirty-dollar) U.S. currency fee.
2. Statement of financial responsibility, giving name and address of sponsor. International students are not eligible for Federal (Title IV) financial aid. Each applicant must show that they will be fully supported either by private or governmental sources.
3. An official copy of TOEFL (Test of English as a Foreign Language) scores for all whose official language is not English. TOEFL scores will be accepted only from Educational Testing Service, Princeton, New Jersey, USA 08546, not from the applicant.
4. Complete and official transcripts of high school and college work, translated into English.

All international applicants must meet the following admissions criteria:

### **Beginning Freshmen**

To be eligible for full admission to Southeastern, international beginning freshmen students must meet ALL of the following criteria:

1. Must have completed a recognized secondary school program with a minimum Grade Point Average of 2.0.
2. Must have taken the TOEFL or IELTS \*:
  - a. Minimum TOEFL scores required - 500 paper-based, 173 computer-based, or 61 internet-based.
  - b. Minimum IELTS score required – 6.0 overall band.

**Note\*** Any student who has studied in the United States for one full year in an academic program is not required to take the TOEFL or IELTS.

### **Transfer Applicants**

Transfer students with less than 18 hours of U.S. college credit:

1. Must meet the beginning freshman admission criteria above, and
2. Must have a cumulative grade point average of 2.0 or higher on all college level work.
3. Must be eligible to return to the last college or university attended.

Transfer students with 18 or more hours of U.S. college credit:

1. Must have a cumulative grade point average of 2.0 or higher on all college level work.
2. Must be eligible to return to the last college or university attended.
3. Must have taken the TOEFL or IELTS \*:
  - a. Minimum TOEFL scores required - 500 paper-based, 173 computer-based, and 61 Internet-based.
  - b. Minimum IELTS score required – 6.0 overall band.
4. Must have completed college level Math that meets the General Education Requirements.
5. Must be eligible to enroll in English 101 (those students transferring from a non-U.S. institution must submit ACT or SAT scores to determine eligibility).

**Note\*** Any student who has studied in the United States for one full year in an academic program is not required to take the TOEFL or IELTS.

### **Graduate Applicants**

#### **Students wishing to seek a Master's level degree at Southeastern:**

1. Must have completed a four year U.S. bachelor's degree or a comparable degree program in a foreign country.
2. Must have taken the TOEFL or IELTS\*:
3. Must meet minimum scores required by the individual departments on standardized tests (GRE, GMAT, PRAXIS, etc.)

4. Must meet all other requirements as set forth by the individual departments. Please see the Research and Graduate Programs page for further information. Conditional admission cannot be offered to an international student on the F1 or J1 visas.

**Note\*** Any student who has studied in the United States for one full year in an academic program is not required to take the TOEFL or IELTS.

- Minimum TOEFL scores required - 500 paper-based, 173 computer-based, and 61 Internet-based.
- Minimum IELTS score required - 6.0 overall band.
- To gain admission into the MBA program, a student must have at least - 525 paper-based, 195 computer-based, or 75 Internet-based or IELTS score of 6.5 overall band.

In addition, all international transfer students must follow U.S. Citizenship and Immigration Service regulations in effecting the transfer of schools.

All materials must be received by the Office of Admissions, SLU 10752, Hammond, LA 70402, USA by the following deadlines:

For Fall Semester Entry June 1  
For Spring Semester Entry October 1  
For Summer Semester Entry March 1

University regulations require that all international students be covered by health, accident, and repatriation insurance programs. It is necessary that each international student show proof that they are currently insured by a valid health, accident, and repatriation policy from a U.S. insurance company, or enroll in the Southeastern Student Health Program at the time of registration.

International students must maintain full-time status at all times in order to comply with U.S. Citizenship and Immigration Service regulations. All international students should report to the International Services Office as soon as possible after arrival on campus.

New international students with less than 30 credit hours are required to attend the freshman orientation program as required by University regulations. All new international students are also required to attend the international orientation program.

## Student-Athlete Eligibility and Retention

In order to participate in the varsity athletic program and receive athletically-related aid, a Southeastern Louisiana University student must conform to the applicable rules of the Southland Athletic Conference (SLC) and the National Collegiate Athletic Association (NCAA). In addition, the student-athlete must demonstrate good academic standing by being enrolled in twelve (12) or more hours, and demonstrate satisfactory progress by fulfilling the requirements as stated in the NCAA Manual.

## Academic Renewal

Students occasionally perform at an academic level which makes them ineligible to continue their studies, and they drop or are suspended from school. Subsequently, some want to resume their college work but find their previous academic record an obstacle.

Academic Renewal provides an opportunity for persons in this situation to apply for a fresh undergraduate start at Southeastern Louisiana University on the basis that their prior undergraduate record be disregarded and they begin their college study again with no credits attempted and no quality points earned. Academic Renewal may be awarded to a student only once and is applicable only to students enrolled at Southeastern.

Prior to applying for academic renewal, at least three years must have elapsed since the end of the semester in which the applicant was last in attendance at a college or university. The applicant must

present evidence that the conditions, which caused the poor academic record, have changed so there is now a reasonable expectation that the applicant will perform satisfactorily if approval is given.

The Director of Admissions will consult with the proper academic dean for advice on specific questions. Students showing competency in any area may be allowed advanced standing (without credit) or a waiver of requirements, just as any entry-level student.

It should be noted that the prior record remains a part of the student's overall academic record, but none of it carries forward as part of a degree program. The date of the Academic Renewal will be entered on the student's transcript along with a statement prohibiting the use of previously earned credits and quality points in meeting degree requirements, computing grade point average, graduation status, or academic honors. However, the student will remain subject to University policies on probation, suspension and dismissal. Students are cautioned that graduate and professional schools often compute grade point average over all hours attempted when considering applicants for admission. Students should also be aware that other institutions to which they apply may or may not accept academic renewal granted at this institution.

Application forms are available in the Office of Admissions. The deadline for applying for academic renewal is the last day that the student may resign with a grade of "W" in the first semester of the student's return to school. Supporting documentation and official transcripts from other schools must be on file to comply with the deadline.

## Academic Renewal at Another University

A student who has enrolled at another regionally accredited institution of higher education under an Academic Renewal Plan (e.g., Academic Amnesty or Bankruptcy) may be considered for Academic Renewal at Southeastern provided that:

1. The Academic Renewal Plan at the previous institution meets all the provisions of the Academic Renewal Plan at Southeastern.
2. Credits earned since the student entered the program at a previous institution will be evaluated in the same manner as credits for other transfer students.

## Non-Resident Fee Waiver

### Out-of-State Fee Waiver Scholarship: Option 1

The University of Louisiana System approved an out-of-state fee waiver scholarship for new non-resident beginning freshmen and undergraduate transfer applicants who meet the following University of Louisiana System-defined criteria:

1. First-time freshman (less than 18 transferrable credit hours completed) shall have an ACT composite score of 21 (or an equivalent SAT score) **and** a cumulative high school grade point average of 2.25 or higher. Such students must also have no need for developmental courses. Students with transfer credit must have a 2.0 transferrable cumulative grade point average on all college-level work.
2. Transfer students (at least 18 transferrable credit hours completed) shall have at least a 2.5 transferrable cumulative grade point average on college-level course work **and** no remaining developmental course requirements. They should be eligible to return to their previous institution.

To continue receiving the out-of-state waiver in subsequent semesters, including summer, a student must meet **all** of the following criteria:

1. Maintain status as a full-time student
2. Remain in "good" academic standing
3. Maintain satisfactory academic progress

To drop below full-time status, to stay out of school for a fall or spring semester, or to be placed on academic probation or suspension will forfeit the waiver. A student may reapply after the completion of one regular semester of full-time enrollment in "GOOD" academic standing.



**Note:** The following categories of students are not eligible for the waiver: Graduate students; other students who have already earned a bachelor's degree; and international students.

#### **Out-of-State Fee Waiver Scholarship: Option 2 – Performance**

A student with high achievement in dance performance, debate, visual arts, music performance, or theatre performance may be granted a waiver if that student's presence will improve the educational opportunities of other students. Cheerleaders, flag corps, university-recognized or sponsored spirit groups that perform at athletic game activities, and the SGA president, as well as certain others may also be considered in this group. The applying student must meet each of the following criteria:

1. Demonstrate high achievement in the appropriate performance area.
2. Have a cumulative minimum grade point average of 2.5 on a 4.0 scale in high school, if applying prior to entering college, or on at least 24 semester hours of college work.
3. Demonstrate leadership.
4. Receive a satisfactory rating in an interview (personal or by telephone). Interview must be documented.
5. Commit to participate in the appropriate area (dance performance, debate, music performance, theatre performance) at the granting institution.

To continue receiving the out-of-state waiver in subsequent semesters, including summer, a student must meet the following criteria:

1. Maintain satisfactory participation and performance in the appropriate collegiate activity. Failure to maintain satisfactory participation and performance in one semester will result in forfeiting the waiver for subsequent semesters. After reestablishing satisfactory performance for at least one semester (not a summer semester), the student may reapply for the waiver. A student may be exempted from this requirement by an appropriately designated official of the university after one academic year of performance.
2. Maintain status as a full-time student.
3. Maintain a semester and cumulative 2.0 grade point average. If the semester or cumulative GPA falls below 2.0, the student may retain the waiver for the succeeding semester, but will forfeit the waiver if the semester or cumulative GPA is below 2.0 at the close of that succeeding semester.

**Note:** The following categories of students are not eligible for the waiver: Graduate students; other students who have already earned a bachelor's degree; and international students.

#### **Out-of-State Fee Waiver Scholarship: Option 3 – International**

The University of Louisiana System approved an out-of-state fee waiver scholarship for new international undergraduate student applicants who meet the following System-defined criteria:

1. First-time freshmen (under 18 credits of college-level work completed)
  - a. Minimum TOEFL score of 525 paper, 195 computer 75 Internet-based or IELTS Band 6.0, and
  - b. Have completed a recognized secondary program comparable to U.S. high school graduation with a cumulative high school GPA of 2.25 or higher, and
  - c. Have no need for developmental course work.
2. Transfer students (have completed at least 18 credits of course work in the U.S.)
  - a. Cumulative GPA of 2.5 on college level work, and
  - b. Have no need for developmental course work, and
  - c. Be eligible to return to their previous institution.

International students for whom English is a second language are required to demonstrate college-level English proficiency by submitting the minimum required TOEFL Score. International students whose official language is English shall be expected to satisfy the same requirements as students from the United States.

To continue receiving the out-of-state waiver in subsequent semesters, including summer, a student must meet all of the following criteria:

1. Maintain status as a full-time student\*
2. Remain in "good" academic standing
3. Maintain satisfactory academic progress

\*To drop below full-time status, to stay out of school for a fall or spring semester, or to be placed on academic probation or suspension will forfeit the waiver. A student may reapply after the completion of one regular semester of full-time enrollment in "GOOD" academic standing.

**Note:** The following categories of students are not eligible for the waiver: Graduate students; other students who have already earned a bachelor's degree; and currently enrolled non-resident students who enrolled prior to the effective date of this scholarship (Spring 2002).

## Registration Procedures

### Registration

The University will allow only students in good financial standing with the University to register for classes. This policy will be enforced by the Controller's Office and will include delinquent loans, delinquent receivables, NSF checks, and other financial matters managed by the Controller's Office.

All continuing, upper-class transfer, and re-entry students are expected to present themselves for Priority Registration in accordance with the plans of registration established for the current year and listed in the University Calendar at the beginning of this Catalogue.

Students should seek advice from their academic departments in preparing their class schedules; however, each student must assume the responsibility of studying his/her curriculum carefully and should register each semester according to its requirements.

Beginning freshmen are not permitted to participate in Priority Registration. Advising and registration for incoming freshman and transfer students (with fewer than 30 transferrable hours) occurs at the Orientation Programs.

### Terminology, Definitions, and Responsibilities

**Priority Registration:** The first opportunity to schedule classes for the next semester. Usually a one week period during the semester prior to the registration semester during which students are assigned a registration appointment based on the number of hours a student has earned and/or other priority conditions (i.e. disability status, honors program, athletics, etc.). All students and applicants, except freshmen applicants for the next semester, are expected to register for classes during Priority Registration. Academic advising, when required, is available to all students in time for Priority Registration.

**Open Registration:** The period following Priority Registration and lasting until the Final Schedule Adjustments Deadline. All eligible students, including those who did not register during Priority Registration, may register anytime 24 hours/day, 7 days/week during this period. Academic Advisors are not always available during this period so students should contact their department to schedule an advising appointment.

**Freshman Orientation:** Required of all beginning freshmen and transfer freshmen. Orientation is a two-day program that provides an overview of university policies and procedures, academic advising, and course registration.

**Fee Payment Deadline:** Students who have not paid by the Fee Payment Deadline will not have access to other university services such as textbook rentals, ID services, parking decals or hang tags, housing, meals, etc. Students are responsible for tuition and fees for any courses that remain on their schedule after this deadline. Students who need assistance with dropping their classes or canceling their enrollment by this deadline may contact the Records and Registration Office at 1-800-222-SELU or 985-549-2066.

**Cancellation:** Students who have not paid by the Fee Payment Deadline will be cancelled from their classes. Payment must be received and posted to the students account. Students whose classes are

paid with anticipated aid must drop all their classes before the first day of classes if they do not plan to attend.

**Schedule Adjustment:** The final opportunity for all students to register for classes, make schedule changes, or cancel enrollment before classes begin. Students should check their schedule for any classes removed due to low enrollment. Students who decide not to attend must drop all their classes. Students will be financially responsible for any classes remaining on their schedule once Schedule Adjustment ends.

**Drop/Add Period:** During the drop/add period, a student may make schedule adjustments without receiving a “W” grade for each class dropped. However, a student will not be able to drop all of their classes. To drop their last class, students will need to resign from the university and will receive a “W” grade for the last class left.

**Final Fee Payment Deadline:** Students are responsible for tuition and fees for any courses that remain on their schedule.

**First Day of Classes:** Once classes begin, schedule changes will be handled as follows:

- After the add/drop period, requests for schedule changes must be submitted to the student’s academic dean and must be due to extenuating circumstances.
- Students wishing to withdraw:
  - Receive a grade of “W”
  - Pay the tuition and fees for the class
- Students wishing to resign:
  - Receive a grade of “W” in all classes
  - Are refunded 75 to 0 percent of their tuition (based on University refund schedule)

## Auditing Classes

Students may register for courses for credit only, or for audit only, or combined credit and audit. Courses for audit count in total hours taken to determine fees to be paid, but do not count as enrolled hours in determining enrollment status or eligibility for financial aid or scholarships.

Instructors will determine attendance regulations for classes being audited and will inform students of the regulations at the beginning of the semester.

Students are not to change from audit to credit or from credit to audit after the close of registration.

## Dropping and Adding Courses

Students may drop and add courses during all registration periods (see University Calendar). When a course is “dropped,” it no longer appears on the student’s record.

After the last day of the drop/add period, and before the “last day to withdraw or resign from the University” (see the University Calendar), a student can withdraw from a course online using the self service options in LEONet. Some students are not allowed to withdraw from courses without prior approval (graduating seniors, international students, student-athletes, graduate students). Upon submission of the online request by the deadline posted in the University Calendar, a grade of “W” is assigned to each course. Although “W” grades do not affect the grade point average, excessive withdrawals reflect negatively on the student’s record, interfere with the student’s progress toward graduation, and may result in the loss of scholarships and other types of financial aid. Therefore, it is recommended withdrawals be limited as described below:

<u>Classification</u>	<u>Hours Earned</u>	<u>Maximum Number of Withdrawals</u>
Freshman	0-29 hours	3
Sophomore	30-59 hours	2

Junior	60-89 hours	1
Senior	90-119 hours	1
Senior	120 or more	1

For all laboratory classes offered by the Department of Chemistry and Physics that have a co-requisite lecture, a student may not drop the lecture course without also dropping the laboratory course unless the student has prior credit for the lecture course. After the last day of the drop/add period, a student may not withdraw from the lecture without also withdrawing from the laboratory course unless the student has prior credit for the lecture course or permission from the department head of the student's major.

After the "last day to withdraw or resign from the University," a student who cannot complete a course due to circumstances beyond the student's control may contact his/her academic dean no later than the last day of classes for that semester to determine if the criteria are met for receiving a retroactive withdrawal.

### Changes in Major

To change a major from one curriculum to another, an undergraduate student must process a Change of Major online using the self-service options in LEONet. If a major is being changed from "Undecided" to a degree program, the student's catalogue year will not change. If a major is being changed from one degree program to another degree program, the student's catalogue year will change to the catalogue in effect on the date the Change of Major form is submitted.

### Resignation from the University

Students who must leave the University before the end of a semester should contact the Office of Records and Registration to discuss resignation rules. Prior to the last day to withdraw or resign from the University, students may obtain a Resignation Form from the Office of Records and Registration for the student to have completed. Upon submission of the completed form, a grade of "W" is assigned to each course.

Students who leave the University without officially resigning from the University are considered absent for the remainder of the classes and will receive the appropriate grade(s). These grades affect the student's academic standing and may jeopardize the student's eligibility to reenter the University, receive financial aid, or transfer to another accredited institution. In addition, students leaving officially or unofficially prior to the 60 percent point in the semester are obligated to return a portion of the federal aid received for that semester.

After the "last day to withdraw or resign from the University," a student who cannot complete the semester due to documented circumstances beyond the student's control may contact his/her academic dean to determine if the criteria are met for receiving a retroactive resignation.

### Leave of Absence

Southeastern considers continuous progress of an undergraduate toward his or her degree highly desirable. Departments have designed programs so that students will schedule approximately one-eighth of their degree credits each semester in an orderly and identifiable sequence. "Dropping in" and "dropping out" are permitted without formal request and without penalty except (1) when a student wishes to schedule work for credit in another university during a summer semester, (2) during a semester while he or she is in residence at Southeastern, or (3) in a junior college after he or she has attained rank as a junior. Students returning to Southeastern after being out a year are required to return under the current catalogue unless they have, prior to their dropping out, received a leave of absence for personal reasons or for doing work in another institution.

When a student desires to schedule work in another institution during a summer semester or during a regular semester in residence, he or she must secure permission of the department head and the

academic dean so that both the student and the University may be assured that the work taken is creditable toward the degree program. Some departments may not grant students permission to schedule major courses elsewhere during their junior and senior years.

A student who transfers to another institution for one semester or more with the intention of returning to Southeastern should secure permission from the department head and the academic dean so that both the student and the University will be assured that the work scheduled elsewhere is creditable at Southeastern. Forms for scheduling classes elsewhere are available in the Enrollment Services Center.

In case of a prolonged absence from classes because of illness, injury, or pregnancy, students should discuss the situation with their academic dean. The dean will work within the University and departmental policies concerning leaves of absence for students.

## Classification

Classification of students is based upon the number of semester hours earned.

The following rules govern the classification of a student:

1. Students are classified as freshmen until they have successfully completed thirty semester hours. Courses numbered 0-199 are primarily for freshmen.
2. To be classed as a sophomore, a student must have earned at least thirty semester hours of credit. Courses numbered 200-299 are primarily for sophomores.
3. To be classed as a junior, a student must have earned at least sixty semester hours of credit. Courses numbered 300-499 are primarily for juniors and seniors.
4. To be classed as a senior, a student must have earned at least ninety semester hours of credit.

The term upperclassmen as used in this catalogue means sophomores, juniors, and seniors.

Courses numbered 500 and above are for graduate students only and cannot be counted toward undergraduate degree credit.

## Scholastic Ratings Grading System

Students are graded on the following basis:

A – work of the highest degree of excellence

B – good work

C – average work

D – work that meets only the minimum requirements for passing

F – failing work

P – passing (certain courses only) will not carry quality points, will not be computed in the student's average, and will not at any time for any purpose be translated into grade A, B, C, or D

I – For undergraduate courses the grade of *I* means "incomplete" and is given when the student's work to date in the course is of passing quality and the student has completed substantially all of the course requirements, but, due to circumstances beyond the student's control, an exam or other course requirement is missing. *I* grades should not be assigned unless the faculty member has knowledge of the exact circumstances ( e.g., prolonged illness, accident, etc.) and believes the student can make up the work in the required time frame. The deficiency must be met by the last day of late registration of the next regular semester or summer semester unless extended by the student's academic dean. *I* grades are removed only by completion of the course work, not by repeating the course. *I* grades are computed as F grades until changed to a final grade. *I* grades that are not resolved by the deadline and have not been extended by the dean will be changed to a grade of *F* (or *U* if appropriate) at the conclusion of final registration. The extension of *I* grades may be for a maximum of 12 months. After an extension of 12 months following the time it was assigned, the *I* grade will be changed to an *F* (or *U* if appropriate).

AU – Courses for audit count in total hours taken to determine fees to be paid, but do not count as enrolled hours in determining enrollment status or eligibility for financial aid or scholarships.

NC – No Credit. Given when a student enrolls in a course for which he/she is ineligible to receive credit.

Students who earn credit through the College Level Examination Program (CLEP), advanced placement (AP), departmental examinations (DCE), the CEEB Advanced Placement Program, or IB Credit will receive a grade of P. This grade will not be computed in the student's average, will not carry quality points, and cannot be translated into grade A, B, C, or D.

## Quality Points and Grade Point Average

The quality of work is indicated by quality points. Students passing a course with a grade of A will receive four quality points for each semester hour credit to which the course entitles them; with a grade of B, three quality points for each semester hour credit; with a grade of C, two quality points for each semester hour credit; with a grade of D, one quality point for each semester hour credit; and an F carries no quality points. Grade I is counted as an F until resolved into a final grade.

The grade point average computed on all hours attempted is the Cumulative Grade Point Average. Hours attempted is defined as all courses completed and those courses not completed in which the grade of "W" was received. Grades of "I" are computed as "F" grades until changed to a final passing grade. Graduate students should consult the Graduate section of this Catalogue for probation and suspension criteria. The Cumulative Grade Point Average is the only Grade Point Average that will appear on the academic transcript prior to graduation. The Degree Grade Point Average is calculated using the last grade earned for courses within a curriculum and is used to determine a student's eligibility for an undergraduate degree.

A ratio of 2.0 between quality points earned and semester hours attempted is interpreted as a 2.0 (C) grade point average. To be eligible for graduation, a student must have a minimum Cumulative Grade Point Average of 2.0 (C) on all hours attempted, all required course work in the major field, and on all Southeastern hours attempted; or, a minimum Degree Grade Point Average of 2.0 (C) on all course work applicable to the student's curriculum; on all required course work in the major field; and on Southeastern course work applicable to the student's curriculum. Individual academic departments or colleges may set higher grade point average requirements for graduation and/or admission into specified programs. Policies regarding requirements in specific degree programs may be found in the appropriate academic section of this catalogue.

## Repeating Courses

The following policy outlines the rules for repeating courses at Southeastern and details the use of repeated courses in the calculation of the different grade point averages.

1. A student who has earned a grade of "A" in any individual course is not eligible to repeat the course for additional academic credit or computation of any grade point average.
2. A student who has earned a grade of "B" or "C" in any individual course may repeat the course one time for credit in order to earn a higher grade. Both the first and second grades earned in the course will be computed in the student's Cumulative Grade Point Average. Only the last grade earned will be computed in the student's Degree Grade Point Average.
3. Any course in which a final grade of "D," "F" or "WF" has been earned may be repeated as many times as needed until a grade of "C" or better is earned. (A grade of "C" or "B" may then be repeated once. See #2 above).
4. After the course has been repeated, the last grade earned stands as the official grade. All grades for the course will appear on the student's transcript.
5. When determining academic standing, campus awards, and honors, all grades appearing on the student's transcript (Cumulative Grade Point Average) will be used.
6. Southeastern's professional schools and academic colleges may set higher repeat rules regarding admission into specified programs. Policies for admission to and graduation from

specific degree programs may be found in the appropriate academic section of this catalogue.

7. A student who is not eligible to repeat a course for additional academic credit but remains enrolled in this course will receive a grade of NC (No Credit).

Using Repeated Courses in the calculation of the Cumulative and the Degree Grade Point Averages:

### **Grade Point Average**

All hours attempted and total quality points will be used in calculating the Cumulative Grade Point Average. Only the Cumulative Grade Point Average will appear on the academic transcript prior to graduation. Academic standing, campus awards, and honors will be determined by the Cumulative Grade Point Average.

### **Degree Grade Point Average**

- The Degree Grade Point Average reflects only the last grade earned in courses required in the respective undergraduate degree. All prior attempts of courses repeated for credit are disregarded when calculating the Degree Grade Point Average.
- The Degree Grade Point Average in the major reflects only the last grade earned in all major courses required in the degree.
- The Degree Grade Point Average on courses taken at Southeastern reflects only the last grade earned in Southeastern courses applicable to the student's curriculum.
- The Degree Grade Point Average may be used as an alternate to the Cumulative Grade Point Average to determine a student's eligibility for an undergraduate degree. The Degree Grade Point Average is not reported with semester grades, nor does it appear on the academic transcript prior to graduation. It is not used to determine academic standing, campus awards, or honors.

## **Appeal and Change of Grade**

After a final course grade is recorded in the Records and Registration Office, a change of grade must be approved in sequence by the instructor, the instructor's department head, and the academic dean of the college in which the course is offered. The Change of Grade Form is available to the instructor in the Records and Registration Office. No student is ever to be in possession of a Change of Grade Form.

In the event of a contested final course grade, a student's written appeal of the grade must be submitted to the instructor within thirty (30) calendar days of final grades for the term being due, as reported in the current catalogue. A letter of appeal and all materials to be considered should be provided to the instructor. The instructor will render a decision in writing within ten (10) working days or as soon thereafter as practical. If the appeal is not resolved with the instructor, within ten (10) working days, the student may submit a written appeal of the problem to the faculty member's department head, with a copy of all materials previously submitted to the instructor, with the instructor's decision. Likewise, if the department head's decision is in favor of the student, the faculty member may submit a written appeal to the department's academic dean within ten (10) working days. The department head will render a decision within ten (10) working days or as soon thereafter as practical. If the appeal is not resolved with the department head, within ten (10) working days, the student may appeal to the department's academic dean by submitting a written appeal and copies of materials previously submitted to the department head. The dean's decision will be rendered within ten (10) working days or as soon thereafter as practical. The academic dean's decision is final. (In the event the instructor is not available, the department head of the course may serve as proxy and work with the student to resolve the appeal.)

## Academic Warning, Probation, Suspension and Readmission Regulations for Undergraduates\*

Hours attempted is defined as all courses completed and those courses not completed in which the grade of "WF" was received. (WF grades were assigned at Southeastern prior to Summer 1990.) Grades of "I" are computed as "F" grades until changed to a final passing grade. Graduate students should consult the Graduate section of this Catalogue for probation and suspension criteria.

### Warning

A student that has completed fewer than 30 credit hours is placed on academic warning when their semester Grade Point Average is between 2.0 and 2.4. This category of academic standing has no penalties and is merely a "guidepost" to alert the student that their Grade Point Average is approaching the point at which they would be placed on probation.

### Probation

A student will be placed on academic probation whenever the student's Cumulative Grade Point Average is below a 2.0 average (A-4.0). A student will remain on probation until a Cumulative Grade Point Average of 2.0 or higher is achieved. Student on academic probation are eligible to return to the University and may continue to enroll in courses. Students should consult the Office of Financial Aid to see if academic probation will have an effect on their aid.

### Suspension

A student on academic probation will be suspended at the conclusion of any semester in which the student's semester grade point average is less than 2.0. A beginning freshman may be put on probation at the end of the first semester of enrollment, but cannot be suspended. If a suspended student had registered during the Early Registration period for the next semester, the class schedule is cancelled. A student may appeal the suspension prior to the beginning of a regular semester. If the appeal is granted, the student reenters on academic probation.

Students suspended for the first time will be eligible to return at the end of the next regular semester (fall or spring). \* Students who are suspended for the second or subsequent times will be suspended for one calendar year.\* (See \* exceptions below.) At the end of the suspension period, the student is eligible to return but must apply for readmission to the university before reentering. A student may appeal a suspension for any semester during the suspension period. If the appeal is granted, the student reenters on academic probation.

**Note:** A student who has not attended a college or university for at least three years may wish to apply for Academic Renewal no later than the withdrawal deadline of the first semester the student returns to school. See Academic Renewal in the admissions section for specific details.

To be readmitted to any regular semester after two or more suspensions, the student must file an appeal. Any suspensions from another college or university prior to enrolling at Southeastern will be counted for purposes of determining the length of the suspension period.

An undergraduate student suspended from a University of Louisiana System university may not enroll in another university within the System, but may enroll in a community college. Credits earned under these conditions may be accepted for a degree at the suspending institution provided grades of "C" or higher are earned in each of the courses to be transferred. Credits earned at institutions other than a community college will not be accepted as transfer credit. To ensure minimal or no loss of credits upon return to the university, it is recommended that the student consult with his/her university advisor regarding the choice of courses to be taken at the community college.



**\*Attending the Summer Semester While on Suspension.** Students are allowed to attend summer semester during their suspension period; however, the student is not eligible for financial aid. Students who wish to attend the summer semester during their suspension period do not need to reapply for admission to the University. If at the end of the summer semester, the student's cumulative GPA is raised to 2.0 or higher, the student is returned to good academic standing. The student may then return to the University without an appeal. However, if at the end of the summer semester, the student's cumulative GPA is not raised to 2.0 or higher, the student remains on suspension. In this case the summer suspension does not count toward the total number of suspensions. Any student who remains on suspension after the summer semester will be eligible to return based on their prior suspension period.

A student may elect to appeal the suspension to attend the summer semester. If the student is granted an appeal for the summer semester, the student returns on academic probation, and the guidelines for students on probation apply (see beginning of this section). The student must then appeal to the Financial Aid office for eligibility for aid. If a student returns to the University in the summer semester based on an appeal, and is then suspended at the end of the summer semester, the summer semester is counted in the total number of suspension for the student.

### Readmission after Suspension

A student may apply to the University for readmission at the end of any suspension period and pay the appropriate readmission fee. However, the student should be aware that, after the third suspension, readmission to the University does not imply readmission to certain professional degree-seeking programs for which specific school or college requirements must be met. A student reentering the University at any time after being suspended enters on academic probation.

### Information Shown on Transcripts for Students Transferring

Any transcript issued for a student on scholastic probation or suspension by an institution under the jurisdiction of the University of Louisiana Board of Supervisors shall show the effective date of such action and length of suspension.

### Definition of a Full- and Part-Time Student

During a regular semester, an undergraduate student enrolled in at least twelve semester hours is considered full-time. During a summer semester, a student enrolled in six or more hours is considered full-time. Exceptions to this policy are the following: (1) student teaching, when this is the only course needed and when the course carries less than twelve hours credit; (2) a student enrolled in an internship course.

Interim (mini) courses (taught between semesters) are associated with the next upcoming semester. Veterans attending the University under the G.I. Bill must maintain full-time status in any semester to be eligible for full benefits.

For students participating in an approved cross-enrollment program, the total hours enrolled at both Southeastern and the college/university at which the student is cross-enrolling will determine the students' full- or part-time enrollment status.

### Maximum and Minimum Credit Hours

Full-time students may register for a maximum of nineteen hours during a regular semester. If a student has an average of 3.0 on a full-time load for the previous regular semester, the student may appeal to his/her academic dean to request an exception to the policy. A 3.0 grade point average made during a summer semester will not be considered in interpreting this regulation. During the summer term the maximum number of hours for which a student may register is ten. A summer student may also appeal to his/her academic dean for an exception to this policy.

Students who hold scholarships must comply with the regulations in regard to scholastic requirements as stated in the Scholarships section of this catalogue.

Students who are doing student teaching are not to register for more than fifteen semester hours during that semester.

## Examinations

Final examinations are held at the end of each semester and short term. No students (seniors or others) are exempt from final examinations.

## Reports to Students

All students have access to their grades, unofficial transcripts, financial accounts, and other information at any time through Southeastern's web-based records and registration system, LEONet. Consequently, printed grade reports are not mailed to the students at the end of the semester. However, printed reports of grades are available upon request to students at the end of each semester, provided the student has cleared all of their accounts at the Controller's Office, the Bookstore, the Library, Campus Police and the Financial Aid Office.

## Transcripts

Students who have attended Southeastern Louisiana University are entitled to an official transcript of the work they have completed, provided they have cleared any and all outstanding accounts with Southeastern. Students may request their official transcript through Credential Solutions, LLC or a written request may be submitted to Enrollment Services. Students requesting transcripts through Enrollment Services may pay an express fee of \$5 to the Controller's Office for expedited processing. More information may be found at [www.southeastern.edu/transcript](http://www.southeastern.edu/transcript).

## Academic Integrity

The academic community relies upon a high standard of integrity in the relations among its members. To the extent that this standard is not maintained, the good of the community suffers, and injustice (sometimes serious injustice) may be done. One of the most important aspects of academic integrity concerns the just measure of each student's academic accomplishments. These are ordinarily evaluated through written examination or submitted work. For such modes of assessment to operate fairly, it is essential that the instructor be assured that the work used to evaluate the student's performance is genuinely the student's own. It is also the responsibility of the student to uphold the academic integrity of the University. The use of unauthorized material, communication with fellow students during an examination, attempting to benefit from the work of another student and similar behavior that defeats the intent of an examination or other class work is unacceptable. Cheating on examinations, plagiarism, improper acknowledgment of sources in essays and the use of a single essay or paper in more than one course without permission are considered very serious offenses and shall be grounds for disciplinary action.

If a faculty member suspects that a violation of academic integrity has occurred, the procedure below will be followed:

**Academic Action** - Within ten (10) working days of discovering the alleged violation the faculty member will notify the student in writing of the alleged charges and the right of appeal (see current catalogue under "Appeal and Change of Grade"). No penalty will be imposed until the student has been informed of the charge and has been given ten (10) working days to respond and present a defense. The student must be given an opportunity to personally meet with the faculty member. In the event the faculty member is not available, the department head of the course may serve as proxy and work with the student to resolve the issue.

- A. Agreement between the student and the faculty member that a violation has occurred, or no response from the student, will result in the assignment of a lower grade or an F to the test or assignment, or in the case of a serious violation, a lower grade or F for the course. This will be at the discretion of the instructor. A written report of the action taken must be filed with the department head and dean of the course involved. In addition, the dean of the course involved will provide a copy of the report to the dean and department head of the student's major and the Office of Student Advocacy and Accountability.
- B. If no agreement is reached between the faculty member and the student, the student may then appeal the decision to the Department Head of the course involved. The student has ten (10) working days to file such an appeal. The department head has ten (10) working days to render a decision.
- C. If the student or faculty member chooses to appeal the department head's decision, the appeal is then submitted to the dean who has administrative authority over the course. The student or faculty member has ten (10) working days to file such an appeal. The dean has ten (10) working days to render a decision.
- D. The appeal must be based on one or more of the following criteria:
  1. The facts of the alleged violations were in error.
  2. The sanction imposed was inappropriate.
- E. If all appeals are denied, the original sanctions will be imposed and a written report of the action(s) taken will be filed with the Office of Student Advocacy and Accountability by the dean who has administrative authority over the course. The department head and dean of the student's major also will be provided a copy of the final report. In the event that a case cannot be resolved before the final grades are due in the Records and Registration Office, the grade of "I" will be assigned to the student for the course until the appropriate grade can be determined.

**Judicial Sanctions** - In addition to the academic actions described previously, if an act of academic dishonesty is particularly egregious or repeated, judicial sanctions may be imposed. If the faculty member, department head, or dean believes that a particular violation of academic integrity warrants disciplinary sanctions such as probation, suspension, or expulsion, the academic dean who has administrative authority over the course may file a written complaint with the Chief Student Conduct Officer for disposition of the matter through the procedures outlined in the Code of Student Conduct. If there have been repeated acts of academic dishonesty by the student, the dean of the student's major or the Chief Judicial Officer may initiate judicial procedures as outlined in the Code of Student Conduct.

## Computer Use Policy

Southeastern Louisiana University has established a specific policy that governs the use and abuse of the university's computer resources. Students granted access to the university's computing facilities are required to abide by the established policy for computer use. A copy of the entire policy may be obtained on the University's website, [www.southeastern.edu](http://www.southeastern.edu), or by contacting the Help Desk. The Computer Use Policy is a comprehensive policy dealing with all aspects of computer use and abuse, whether physical or logical. It applies to all university computing facilities including mainframes, minicomputers, microcomputers, and associated equipment and links, as well as software, whether developed by Southeastern or purchased. If abuse, actual or threatened, is suspected or detected, the matter will be referred to the appropriate law enforcement agency or university authority for disciplinary action. Confirmed abuse can result in criminal prosecution, dismissal, loss of computer use privilege and other such remedies as provided by established laws and policies of the university.

In general, abuse is defined as any improper use or treatment of computing facilities including, but not limited to: acts which, by mischief or carelessness, result in damage, defacement, or destruction of computing equipment; theft; unauthorized access or use; unauthorized alteration, substitution, or deletion of programs, command files, data files, documentation, or other material; wiretapping or any form of unauthorized signal interception; divulgence of confidential information or computer access methods to unauthorized persons; copyright or patent infringement; transmitting obscenities or libelous statements through or with computer systems; failure to safeguard computer systems in both their physical and logical aspects; and failure to notify management or security personnel of instances

of abuse, either actual or threatened. The detailed and exact definition is specified in the university-published Computer Use Policy.

## Class Attendance Regulations

Class attendance is regarded as an obligation as well as a privilege, and all students are expected to attend regularly and punctually all classes in which they are enrolled. Failure to do so may jeopardize a student's scholastic standing and may lead to suspension from the university.

Each instructor shall keep a permanent attendance record for each class. These records are subject to inspection by appropriate college or university officials.

When any student receives unexcused absences (e.g., ten percent of the total classes) in any class prior to the published withdrawal date, the instructor may withdraw the student with a grade of W. Specific policies regarding (but not restricted to) makeup of missed exams, submission of excuses for absences, procedures for appealing unexcused absences, and the manner in which attendance may be used in grading are to be established by individual departments and explicitly defined and expressed in instructors' syllabi or course information sheets.

An absence must be considered excused if it is for one of the authorized activities listed in the section "Southeastern Attendance Procedures" and the procedures detailed in that section have been followed. An absence may also be considered excused if deemed so by the instructor.

## Southeastern Attendance Procedures

An instructor may withdraw any student from a class for excessive unexcused absences. However, if a student who has been withdrawn from a class for excessive absences wishes to reenter that class, he or she may appeal for readmission no later than the published withdrawal deadline. This appeal must first be made to the class instructor, then (if necessary) to the class department head and finally the class dean. If readmission is granted, the instructor must notify the Office of Records and Registration in writing upon the student's return.

Absence due to authorized trips from the University or to special duties or activities at the University may be excused by the Provost and Vice President for Academic Affairs. Faculty and staff members in charge of these trips and activities must submit a list of students involved to the Provost at least five working days prior to the trip or activity. Authorized activities include athletic, music events, student conventions, religious meetings, field trips, assisting in rallies, music festivals, etc. It is the responsibility of each student to make up necessary course work missed by an excused absence. It is a student's responsibility to withdraw from a class. A student does not withdraw from class by failing to attend.

## Credit by Examination and Advanced Placement

### General

Southeastern Louisiana University assents to the opinion that persons having knowledge equivalent to that usually attained in specific courses should be advanced in level to afford a continuous challenge. In order to realize the fulfillment of this philosophy, certain policies and procedures have been adopted by the University regarding credit-by-examination and advanced placement.

Students may not receive credit through a national credit examination program such as CLEP, Accuplacer or through departmental credit examinations in courses in which the student has earned a final grade at an accredited college or university. Audited courses and courses taken at non-accredited institutions may be completed through credit examination.

## College Level Examination Program Subject Examinations (CLEP)

An enrolled or entering student at Southeastern may gain credit in a number of courses by completing certain subject examinations of the College Level Examination Program (CLEP) provided by Educational Testing Services and administered through the Testing Office. CLEP examinations may be taken at Southeastern by appointment only. All tests are Computer Based, which allow for immediate test result(s) upon completion of testing. A non-refundable administrative fee is assessed for each exam.

Credit will be entered on a student's transcript upon receipt of an official score from ETS, provided the student achieves at or above the level score accepted by Southeastern. A grade of P will be given, and the course will not be computed in the student's average. Unsuccessful attempts shall not be recorded against the student.

Southeastern will accept a maximum of 30 semester hours credit through CLEP and a maximum of 60 semester hours through all types of nontraditional educational experiences, i.e., Advance Placement Credit, Correspondence Courses, and Military Service credits (DANTES).

Subject examinations, acceptable scores, and credit hours currently approved for Southeastern courses are listed in the following table:

CLEP Subject Exam	Course and Number	Acceptable Score	Semester Hours
Financial Accounting	ACCT 200	50	3
American Government	POLI 201	50	3
American History I	HIST 201	50	3
American History II	HIST 202	50	3
American Literature	ENGL 232	60	3
*Biology, General	GBIO 106 and 107	50	6
College Algebra	MATH 161	50	3
English Literature	ENGL 231	60	3
College Composition	ENGL 101	59	3
*General Chemistry	CHEM 101 and 102 or CHEM 121 and 122	50	6
Information Systems and Computer Applications	CMPS 110	50	3
Introductory Sociology	SOC 101	50	3
Principles of Macroeconomics	ECON 201	50	3
**Principles of Management	MGMT 351	50	3
Principles of Marketing	MRKT 303	50	3
Principles of Microeconomics	ECON 202	50	3
Western Civilization I	HIST 101	50	3
Western Civilization II	HIST 102	50	3

\*Subject examinations designed for two-semester courses

\*\*Department Head approval required

## Credits through the DANTES Subject Standardized Test

Under an agreement between the Chauncey Group International (Chauncey), a subsidiary of Educational Testing Services (ETS), and the U. S. Department of Defense, Southeastern Louisiana University is allowed to administer the DANTES Subject Standardized Tests (DSSTs). DANTES tests may be taken in the testing office at Southeastern by appointment only. A non-refundable administrative fee is assessed for each exam.

Credit will be entered on a student's transcript upon receipt of an official transcript from the Chauncey Group, provided the student achieves at or above the score accepted by Southeastern. A grade of P will be given and the course will not be computed in the student's average. Unsuccessful attempts will not be recorded against the student.

Subject Examination, acceptable scores, and credit hours approved for Southeastern courses are listed in the following table:

DANTES Subject Exam	Course and Number	Acceptable Score	Semester Hours
Astronomy	ESSC 102	400	3
Criminal Justice	CJ 101	400	3
Environment and Humanity: The Race to Save the Planet	GBIO 281	400	3
General Anthropology	ANTH 101	400	3
Human/Culture Geography	GEOG 103	400	3
Introduction to Business	MGMT 141	400	3
Lifespan Developmental Psychology	PSYC 204	400	3
Principles of Physical Science	PHSC 101	400	4
Principles of Statistics	MATH 241	400	3

## League for Nursing

Any enrolled or entering student who meets the present criteria may gain credit in selected nursing courses by completing approved proficiency examinations provided by the National League for Nursing. Proficiency exams are given on national test dates and are designed to offer credit for knowledge obtained as part of the enrollment and completion of a Licensed Practical Nurse Program. A non-refundable administrative fee is assessed for each exam.

Proficiency examinations currently approved are listed below. Further information can be obtained from the Director of Testing.

NLN Exam	Course and Number	Acceptable Score
ACE I PN to RN: Foundations of Nursing <sup>1</sup>	Nursing <sup>2</sup>	75%

<sup>1</sup>For Currently Licensed Practical Nurses

<sup>2</sup>Standard score

## Southeastern Louisiana University Departmental Credit Examinations

Southeastern departmental credit examinations are administered in the summer, fall, and spring to Southeastern Louisiana University students and to entering students.

1. A student interested in taking departmental credit examinations may obtain the request forms at the academic department.
2. A student will have the request form approved by his/her department head, the dean of his/her college, and the head of the department administering the examination.

3. The University charges a non-refundable fee of \$25 per credit examination.
4. Credit examinations are given on the undergraduate level and on a limited basis in certain graduate degree programs.
5. Only courses passed will be recorded on the student's record. A grade of P will be given and the course will not be computed in the student's grade point average.
6. Credit earned through departmental credit examinations will be limited to twenty-four semester hours. Credit earned through all types of nontraditional educational experiences, i.e., advanced standing credit, extension courses, correspondence-study courses, and military service credits will be limited to sixty semester hours.
7. The department head in which the course is offered will set the dates of tests at his/her discretion.

**Departmental Credit Examinations are available in:**

Department	Course	Credit	Department	Course	Credit	
Biology	GBIO 106	3	Mathematics	MATH 161	3	
	GBIO 107	3		MATH 162	3	
	GBIO 151	3		MATH 163	3	
	GBIO 153	3		MATH 165	3	
Chemistry and Physics	CHEM 101	3	Music	MUS 103/104	1	
	CHEM 121	3		MUS 151	3	
	PHYS 191	3		MUS 209/210	1	
Family and Consumer Science	FCS 251	3		Nursing	MUS 291	3
	FCS 342	3			NURS 214	3
	FCS 411	3				
Industrial Technology	IT 111	3	Psychology	PSYC 101	3	
	IT 112	3				
	IT 233	3				
	IT 236	3				
	IT 242	3				
	IT 256	3				
Kinesiology and Health Studies	ATHT 141	3	Sociology and Criminal Justice	CJ 101	3	
	HS 131	2		SOC 101	3	
	KIN 230	3				
Library Science	LS 102	1	Visual Arts	ART 105/106	3	
				ART 111	3	
				ART 115	3	
				ART 117	3	
				ART 122	3	
				ART 151	3	
				ART 161	3	
		ART 190	3			
Management	MGMT 141	3				

Departmental credit examinations are also available in courses other than those listed above, provided the student obtains special permission from his/her dean and department head. Please contact the specific department for more information.

### Credit through the College Board Advanced Placement Program

Southeastern participates with the College Board Advanced Placement Program. Students in selected high schools take college-level courses in high school and their examinations are graded by the staff of the College Board. The following list shows the Advanced Placement Courses, the required scores, and the equivalent Southeastern courses for which credit will be given at Southeastern.

AP Course	Minimum Grade Required*	Course Equivalent
Art History	3	Art 105 or 106
Biology	4	General Biology 151 and 153
Biology	3	General Biology 106 and 107
Chemistry	3	Chemistry 101 and 102 or 121 and 122
Computer Science A*		*See department for restrictions
Economics (Macro and Micro)	3	Economics 201 and 202
English		
Language and Composition	3	English 101
Language and Composition	5	English 101 and 102
Literature and Composition	3	English 232
Literature and Composition	5	English 231 and 232
Foreign Language		
French Language and Culture	3	French 101 and 102
German Language and Culture	3	German 101 and 102
Spanish Language	3	Spanish 101 and 102
History		
European History	3	History 101 and 102
US History	3	History 201 and 202
World History	3	History 101 and 102
Mathematics		
Calculus AB	3	Mathematics 163
Calculus AB	4	Mathematics 200
Calculus BC	3	Mathematics 200
Calculus BC	4	Mathematics 200 and 201
Statistics	3	Mathematics 241
Music		
Music Theory	3	Music 111
Physics		
Physics 1: Algebra Based	3	Physics 130, 191, and PLAB 193
Physics 2: Algebra Based	3	Physics 130, 191, and PLAB 193
C (Mechanics)	3	Physics 130, 221, and PLAB 223
C (Electricity and Magnetism)	3	Physics 130, 221, and PLAB 223, 224
Political Science		
U.S. Government and Politics	3	POLI 201
Comparative Government and Politics	3	POLI 2XX
Psychology	3	Psychology 101

\*The readers' grades reflect their professional judgment of the candidate's achievement in advanced study according to the following scale.

- 5 – extremely well qualified
- 4 – well qualified
- 3 – qualified
- 2 – possibly qualified



1 – no recommendation

## Cambridge International A-Level Coursework

Students that have completed Advanced-Level coursework through the Cambridge International Examination system may receive credit in the courses listed below:

A-Level Course	Grade	Southeastern Equivalent	Credit Hours*
Accounting	A-C	ACCT 200 and 225	6
Business	A-C	MGMT 141	3
Biology	A-C	GBIO 151 and BIOL 152	4
Chemistry	A-C	CHEM 121, 122, 261; CLAB 123, 124	11
Computer Science	A-C	CMPS 161/280	6
Computing	A-C	CMPS 101/120	6
Economics	A-C	ECON 201/202	6
English Language	A-C	ENGL 101	3
Literature in English	A-C	ENGL 230	3
Mathematics	A-C	MATH 200/241	8
Physics	A-C	PHYS 191/192/193/194	8
Psychology	A-C	PSYC 101/204	6

\*All transfer credit is subject to individual examination.

Cambridge International A-Levels are recognized for placement at the time of matriculation. Please contact admissions at 800-222-SELU for additional details.

## International Baccalaureate Credit

Southeastern Louisiana University values the International Baccalaureate (IB) Diploma Programme and welcomes applications from IB students. The IB Diploma Programme is a comprehensive two-year curriculum leading to examinations evaluated on international criteria. Students are encouraged to submit their IB diploma record or examination results with their application for evaluation.

- For students completing IB coursework, a maximum of **30 credit hours** may be awarded for scores of 5 or above on standard level or 4 and above on higher level examinations (see table below). Students with IB examinations in a subject area not listed should contact the appropriate Department Head for potential evaluation.
- The official International Baccalaureate transcript is required to award credit.

IB Course	IB Score	Southeastern Course Equivalent	Credit Hours
Language A1: English	5 SL or 4 HL	ENGL 232	3
	5 HL	ENGL 231 & ENGL 232	6
Language B: Spanish	5 SL or 4 HL	SPAN 101	3
	6 SL or 5 HL	SPAN 101 & SPAN 102	6
Language B: French	5 SL or 4 HL	FREN 101	3
	6 SL or 5 HL	FREN 101 & FREN 102	6
History— Americas	5 SL or 4 HL	HIST 201 or 202	3
	5 HL	HIST 201 & HIST 202	6
History—World	5 SL or 4 HL	HIST 101 or 102	3
	5 HL	HIST 101 & HIST 102	6
Biology	5 SL	GBIO 151	3
	4 HL	GBIO 151 & BIOL 152	4

	5 HL	GBIO 151, BIOL 152, GBIO 153, & BIOL 154	8
Chemistry	5 SL	CHEM 101	3
	4 HL	CHEM 101 & CLAB 103	4
	5 HL	CHEM 101, CHEM 102, CLAB 103, & CLAB 104	8
Physics	5 SL or 4 HL	PHYS 191	3
	5 HL	PHYS 191 & PHYS 192	6
Math Studies	5 SL	MATH 161 & MATH 162	6
Mathematics	5 SL or 4HL	MATH 161 & MATH 163	6
	5 HL	MATH 161 & MATH 200	8
Psychology	4 SL or 5 HL	PSYC 101	3

## Correspondence and Extension Credit

Southeastern Louisiana University does not offer correspondence work, but will accept a maximum of 30 hours of correspondence and/or extension credit from accredited institutions which offer such work. Work taken by correspondence or at other institutions may not be used to satisfy the University's residence requirements.

In all instances a full-time or a part-time student at Southeastern Louisiana University who plans to take any work elsewhere (correspondence, extension, or resident) must obtain approval from their department head, their academic dean, and the Director of Admissions.

## United States Armed Forces Institute (USAFI) Courses

Southeastern Louisiana University is a participating institution with the USAFI program. Credits earned may be recognized by a division of Southeastern Louisiana University in accordance with the recommendations of the American Council on Education. The credits must be acceptable to the curriculum in which the student enrolls and must not duplicate other college credit earned.

## Military Experience

Honorably discharged veterans of the United States Armed Forces may be allowed credit for kinesiology and certain other courses upon presentation of a copy of their discharge (DD 214) to the Admissions Office.

Additional credit may be granted for service schools where equivalence in terms of college courses has been recommended for college credit in the "Guide to the Evaluation of Educational Experience in the Armed Services," published by the American Council on Education. Appropriate documents (i.e.: IST) must be submitted to the Admissions Office for an evaluation of these experiences. Credit is not granted for National Guard service.

## Proficiency in English and Mathematics

Students entering Southeastern are required by the Board of Regents to demonstrate proficiency in English and mathematics as part of the requirement for associate and baccalaureate degrees. The following outlines Southeastern's mathematics and English proficiency requirements. Students who pass Mathematics 105, 151, 161, 165, or 200, or their equivalents with a grade of "D" or better will meet mathematics proficiency requirements. Students who pass English 102 or its equivalent with a grade of "D" or better will meet English proficiency requirements.

## General Education Requirements

The College and Department sections of this Catalogue describe each curriculum leading to a degree. Awarding of an academic degree assumes that the recipient has submitted to rigors of intellectual inquiry, achieved specialized and general knowledge, and acquired motivations and abilities for life-long learning.

Each Southeastern Louisiana University baccalaureate degree is designed to help the student progress toward career goals and toward the following goals in general education:

- Students will effectively and intelligently communicate in writing in a variety of contexts.
- Students will demonstrate mathematical and analytical reasoning skills.
- Students will understand the universe through the study of life and physical sciences.
- Students will understand cultural traditions and/or the human condition through a humanities perspective.
- Students will understand human behavior and/or the relationship between individuals and their societies through a social/behavioral science perspective.
- Students will explore and value aesthetic creation and form as an essential means of conceiving and expressing the human experience through the fine arts.

Recognizing those general education goals, all baccalaureate curricula include the following minimum requirements based on the Statewide General Education Requirements of the Louisiana Board of Regents:

<b>English Composition</b>	6 hours and demonstrated proficiency
<b>Mathematics/Analytical Reasoning</b>	6 hours of Analytical Reasoning, at least 3 of which must be in Mathematics
<b>*Natural Science</b>	9 hours, to include a two-course sequence in biological or physical science with the remaining three in the area not covered by the sequence
<b>Fine Arts</b>	3 hours of Music or Visual Arts or Dance or Theatre
<b>Humanities</b>	9 hours to include 3 hours of Literature, 3 hours of History, and 3 hours Foreign Language above the introductory level or Philosophy or Speech Communication
<b>Social/Behavioral Sciences</b>	6 hours Anthropology or Political Science or Economics or Geography or Psychology or Sociology or Criminal Justice

Associate degree requirements include a minimum of three hours of English composition and demonstrated proficiency, three hours of Mathematics/Analytical Reasoning, three hours in the Natural Sciences, three hours in the Humanities, and three hours of Social/Behavioral Sciences.

## Natural Science Two-Course Sequence

### Possible Combinations

#### Biological Sciences

- GBIO/BIOL 106/152 and GBIO/BIOL 107/154
- GBIO 106 and GBIO 107
- GBIO 106 and GBIO 281
- GBIO/BIOL 151/152 and GBIO/BIOL 153/154
- GBIO/BIOL 151/152 and ZOO 241
- GBIO/BIOL 151/152 and ZOO 242
- GBIO/BIOL 151/152 and ZOO/ZOOL 250/252
- GBIO/BIOL 151/152 and ZOO/ZOOL 251/253
- GBIO/BIOL 151/152 and MIC/MICL 223/224

**Physical Sciences**

CHEM/CLAB 101/103 and CHEM/CLAB 102/104  
 CHEM 101 and CHEM 102  
 CHEM/CLAB 121/123 and CHEM/CLAB 122/124  
 CHEM 121 and CHEM 122  
 ESSC/ESSL 101/103 and ESSC/ESSL 102/104  
 ESSC 101 and ESSC 102  
 PHSC 101 and PHSC 102  
 PSYC/PLAB 191/193 and PHYS/PLAB 192/194  
 PHYS 191 and PHYS 192  
 PHYS/PLAB 221/223 and PHYS/PLAB 222/224  
 PHYS 221 and PHYS 222

**Graduation Requirements****Summary**

A candidate for a degree must complete the following:

1. Complete one of the curricula as outlined in the catalogue, including demonstrated proficiency in English and mathematics as mandated by the Louisiana Board of Regents.
  2. Have a minimum Cumulative Grade Point Average of 2.0 (C) on all course work, on all work attempted at Southeastern, and on all work in his/her major field.<sup>1</sup>
- OR**
3. Have a minimum Degree Grade Point Average of 2.0 (C) on all course work applicable to the student's curriculum; on all required course work in the major field; and on Southeastern course work applicable to the student's curriculum.<sup>1</sup> Certain curricula as noted in the college and departmental sections of this Catalogue have higher requirements.
  4. Earn the semester hours listed below at Southeastern Louisiana University. No time limitation in years or weeks will be set.
    - a. Candidate for a Baccalaureate Degree
      - i. At least one-half of the hours required in the major field or fields
      - ii. At least 25% of semester credit hours required for the degree must be earned at Southeastern

Work taken through correspondence courses, credit examination or military experience may not be used to satisfy these requirements.
    - b. Candidates for the Associate Degree
      - i. At least one-half of the hours required in the major field or fields\*
      - ii. At least 25% of credit semester hours must be earned at Southeastern
  5. Clear all University accounts.
  6. Comply with the deadline for application for graduation.
 

Applying for graduation is a two-step process that includes paying the diploma fee to the Controller's Office and completing the application for graduation. If a potential graduate does not complete all steps of the graduation process by the appropriate deadline, the student will not be allowed to graduate in that semester.

Potential graduates for Spring must complete the graduation application process no later than February 15.

Potential graduates for Summer must complete the graduation application process no later than June 15.

Potential graduates for Fall must complete the graduation application process no later than September 15.

If the deadline falls on a University non-business day, the deadline will become the next University business day.

After the student completes the graduation application process, the Records and Registration Office will then post the application data to the student's record and forward the application and any accompanying documentation to the academic dean.

For a complete outline of graduation application fees, please see "Graduation Fees" under the Fees and Expenses section in this catalogue.
  7. Complete the exit survey administered through Institutional Research.

8. Student in teacher education see the Requirements for Student Teaching and additional College of Education graduation requirements found in this catalogue.

<sup>1</sup>See Scholastic Ratings in this Catalogue, for explanation of calculation of grade point averages. The symbol "+" on each curriculum sheet identifies courses that are used in computing the major grade point average.

\*Credit awarded for successful completion of academic work undertaken at another college or university may be used to fulfill these requirements provided that the student is a candidate for a degree at Southeastern and has obtained the prior written approval of the appropriate department head and dean before undertaking the academic work at another institution.

### Candidates for a Second Baccalaureate Degree, Double Degree, Double Major, Minor

Students who hold a baccalaureate degree from Southeastern or from a regionally accredited institution other than Southeastern may earn a second baccalaureate degree by completing thirty semester hours at Southeastern in addition to the requirements for the first degree and meeting all other requirements for the second degree. If the first degree is from Southeastern it is not necessary that the thirty hours be subsequent to the first degree.

Students who wish to pursue two baccalaureate degrees simultaneously at Southeastern must complete thirty semester hours in addition to the requirements for the first degree and complete all requirements for both degrees. Students completing two baccalaureate degree programs at Southeastern must file a graduation application for each and pay the diploma fee for each by the scheduled deadline.

If students choose to earn two majors or a major and minor they must be earned simultaneously. This can be accomplished by completing all requirements for both majors or by completing all requirements for the major and minor simultaneously. When earning two majors students must designate a primary major, a secondary major and indicate on the graduation application the second major. Students will only earn the degree associated with the primary major. The second major or the minor will be entered on the transcript. Students may not earn a second major after graduating with a first major and degree unless they earn a second degree (30 additional hours). Students may not earn a minor with an Associate Degree or without simultaneously earning a baccalaureate degree.

Provided there is not a break of one calendar year or more in Southeastern attendance, students may meet requirements for the second major or minor according to any catalogue in effect during enrollment for seven years prior to receiving the second degree, major, or minor.

There are special requirements regarding the General Studies Program and the College of Education. For further information, General Studies and Education majors should contact their director/department head. If a student wishes to earn more than one baccalaureate degree, one of which is a Bachelor of General Studies, the major concentration group in the General Studies degree cannot contain courses in the same subject as the major of any other baccalaureate degree earned or to be earned.

To initiate the Double Degree/Double Major process students should secure a form from their primary department.

### Credit Toward the Degree

Some courses are very similar in content to other courses. When a student takes two or more courses that have similar content, only one of the courses can be used toward the degree. Although the other course(s) cannot be used to satisfy a specific course requirement in the degree, all courses and grades will appear on the transcript and will be used in the calculation of the cumulative grade point average. In the calculation of the degree grade point average, however, since only the courses applicable to the student's curriculum are used, the other course(s) will not be included in the degree grade point average.

Descriptions of affected courses contain a phrase such as, "Credit toward the degree will not be granted for...". Students should read the course descriptions in the Course Description section in the

back of the catalogue, or consult with their academic department if there are questions about whether or not credit for a course will be applied toward the degree.

## Participation in Student Assessment Activities

Since 1987, Southeastern Louisiana University has focused on outcomes assessment as one of the key components of our commitment to excellence. Considerable effort has been focused on refining and implementing a comprehensive, effective, and efficient assessment program to determine the extent to which students' learning needs are met. Assessments may consist of activities such as standardized tests, computerized exit surveys, paper-and-pencil questionnaires, exit interviews, and other means. Although not all students complete the same set of assessment activities, all students will be asked to participate at some points in their academic careers. Since student involvement is critical to the success of outcomes assessment, student participation in assessment activities is both necessary and required.

## Graduation Under a Particular Catalogue

A student may meet degree requirements as stated in any Catalogue in effect during the years of enrollment provided:

1. The student has not changed his/her major.
2. There is not a break of one calendar year or more in attending Southeastern.
3. Seven years have not elapsed since entering the major.

A student who changes his or her major, or declares a second major, or does not attend Southeastern for one calendar year or longer, must meet the requirements of the Catalogue in effect at the time of change of major, or declaration of a second major, or re-entry—or any Catalogue in effect between that time and that student's graduation. The student may declare a second major in any semester prior to graduation, including the semester of graduation. At no time may a student use a Catalogue in effect prior to the change in major, or declaration of a second major, or re-entry. The Catalogue year begins on June 1 each calendar year.

These academic regulations and degree requirements are subject to revision at any time to accommodate changes in Board policies, occupational and licensure requirements, and other situations involving the quality of the program.

## Conferring of Degrees

Eligibility for honors is based on the criteria outlined in the University's current catalogue. This may not be the catalogue the student is following for curriculum purposes. Students who have done superior work at Southeastern Louisiana University will be recognized in accordance with the following rules.

### Honors before Graduation

#### Semester Hours

At the end of each semester, academic semester honors will be issued to all full-time undergraduate students who earn 12 or more semester hours in the Fall or Spring (6 or more in the Summer) with grades of A, B, or C and a semester grade point average of 3.000 or better. Students who receive grades of D, F, U, or I in the given semester are not eligible for the honors. When an I grade is changed to a regular grade, students may qualify for honors at that time. Students who are enrolled in fewer than 12 hours in the fall or spring (6 hours in the Summer) but are classified as full-time students may also qualify for semester honors if they meet the remaining criteria. (See definition of full-time students.)

Students whose full-time enrollment (excluding developmental/transitional courses) includes a course or courses in which a grade of P is earned may also receive semester honors under the following conditions:

- Grades of "A," "B," or "C" and a semester grade point average of 3.00 or better must be earned on all other courses taken.

- Honors-level work as confirmed by the dean based on faculty recommendations must be performed in the course(s) with a “P” grade.
- The honor received will be based on the cumulative grade point average instead of the semester grade point average.

The semester grade point average (or cumulative for students with “P” grades) for academic honors before graduation at all universities in the University of Louisiana System are as follows:

- President’s List 3.500 – 4.000
- Dean’s List 3.200 – 3.499
- Honor Roll 3.000 – 3.199

### Academic Honor Societies

1. The Thirteen Club. Seniors who fulfill the following requirements shall be formally recognized as members of the Thirteen Club:
  - a. They must be full-time students enrolled in the University.
  - b. They must have an overall 3.200 grade point average.
  - c. They must have earned no grade below “C.”
  - d. They must have had all their academic work at Southeastern Louisiana University.
2. The National Honor Society of Phi Kappa Phi. Juniors, Seniors, and graduate students of sound character who fulfill the following requirements may be elected to membership in Phi Kappa Phi:
  - a. They must have been registered in the University at least one year.
  - b. Juniors must rank in the top 7.5% of their class.
  - c. Seniors must rank in the top 10% of their class.
  - d. Graduate students must rank in scholarship in the top 10% of all graduate students at the time.

### Academic Honors

Numerous academic honors are awarded each year in the academic departments and colleges.

<sup>1</sup>See the Scholastic Ratings section of this Catalogue, for explanation of calculation of grade point averages.

### Honors at Graduation

The faculty will recognize as honor graduates those students who are receiving a baccalaureate degree who have earned a cumulative grade point average of 3.500 or better. The cumulative grade point average includes course work that was transferred from another institution.

Effective with the Summer 2003 semester, the cumulative grade point averages for honors at graduation at all universities in the University of Louisiana System are as follows:

Cum Laude 3.500 – 3.699  
 Magna Cum Laude 3.700 – 3.899  
 Summa Cum Laude 3.900 – 4.000

That student who has the highest average in his College or School and is eligible to be graduated cum laude (3.500 or above) shall be awarded the President’s Medal for Academic Excellence. A recipient who earns a second baccalaureate degree and again qualifies for the President’s Medal will be awarded that Medal, provided sixty-five semester hours have been earned at Southeastern after completing the first degree. Those sixty-five hours must be in upper level courses or in courses required in the second-degree curriculum.

The faculty will recognize honor graduates of Associate Degree programs who have earned a grade point average of 3.5 or higher.

### Family Educational Rights and Privacy Act

Students enrolled at Southeastern Louisiana University are hereby notified of their rights of access to their official records as described in the 1974 Family Educational Rights and Privacy Act. A student

desiring access to his education records shall make a request in writing to the appropriate office. Requests concerning: (1) Admissions and Academic records should be made to the Office of Records and Registration; (2) financial records should be made to the Controller; (3) financial aid records should be made to the Director of Financial Aid; (4) career service, counseling, disciplinary and security records should be made to the Vice President for Student Affairs; (5) school and departmental records should be made to the Dean of the appropriate college; (6) employment records should be made to the Director of Financial Aid; (7) health records should be made to the Head Nurse, Health Center.

Parents are permitted access to education records with the prior written consent of the eligible student or without the prior written consent of the eligible student if that student is a dependent. Additionally, the University reserves the right to contact parents of students who are under 21 years of age if the student has been involved in a violation of the University's alcohol or drug policies. The parent of a student or a student who believes that information contained in the education records of the student is inaccurate or misleading or violates the privacy or other rights of the student may request the amendment of the educational records to the appropriate office responsible for the records. If the educational records are not amended, the parent of the student or the student may request a formal hearing on the matter.

Under the provisions of the Act, certain information designated as "Directory Information" concerning the student may be released by the University unless the student has informed the University that such information should not be released. Southeastern Louisiana University may release the following directory information about each student:

- name
- mailing address(es)
- email address
- telephone number(s)
- dates of enrollment
- college or school
- classification
- enrollment status

Any person who wishes NOT to have any or all of the above listed information released must complete the appropriate form in the Office of Records and Registration. As provided in the Family Educational Rights and Privacy Act of 1974, Southeastern Louisiana University may disclose information to parents of students upon the parents' establishment of the student's dependency as defined by the Internal Revenue Code of 1954, Section 152. The required form of proof is a certified (notarized) copy of the parent's most recent Federal Income Tax form.

One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agency); a person serving on the Board of Supervisors; or a student serving on an official committee, such as disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

The University may also release personally identifiable information from the education records of a student to appropriate parties in connection with an emergency if knowledge of the information is necessary to protect the health or safety of the student or other individuals.

Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by State Universities to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are:



Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Ave., SW  
Washington, DC 20202-5920

If further information is desired, contact the Office of Records and Registration.

# Fees and Expenses

All fees are current as of December 1, 2017 and are subject to change.

## Payment of Fees

All tuition, mandatory fees and other University charges are due at the beginning of the semester. Any means of payment, other than cash, requires the inclusion of the student's name and ID number on the document. If a check is returned by the bank for any reason, a \$15 service fee will be assessed to the student's account. If a check is returned that was written for payment of tuition and fees, the student for whom the payment is made will be placed on a "cash only basis" for all future registration payments. Returned checks will automatically be re-deposited once by the University's fiscal agent (bank).

The University reserves the right to withhold future services (registration, transcript, diploma, etc.) to persons who have any outstanding obligation with the University.

Payments made at the Cashier's Office must be in the form of cash, check, cashier's check, or money order. Cash, cashier's check, or money order payments cannot exceed five thousand dollars (\$5,000) for security purposes. All electronic check and credit card payments must be made via the student's LEONet account. Credit cards accepted for payment of fees are VISA, MasterCard, American Express, and Discover via the online Southeastern web pay. If a student disputes a credit card payment to the University, it will result in an outstanding charge on their account and they will be put on restriction from all future credit card transactions. The University reserves the right to withhold future services to persons with outstanding obligations to the University. See Controller's Office website for web pay instructions  
<http://www.southeastern.edu/admin/controller/students/payonline/index.html>

## Fee Schedule

**General Fees:** Students who register at Southeastern Louisiana University pay fees determined by the number of semester hours scheduled, including hours taken for audit. It is the responsibility of the student to assure that fees are paid by the fee payment deadline. Non-resident fees are in-addition to tuition for both undergraduate and graduate students.

If a student does not plan to attend the University once they have enrolled in courses, it is the student's responsibility to drop all courses before the first day of classes. The student will be financially responsible for any courses that remain on their schedule once classes begin.

Classes shall be cancelled for students whose fees are not paid by the fee payment deadline. Fees are considered paid if the student's outstanding balance is zero or if the current semester Anticipated (Pending) Financial Aid is greater or equal to the outstanding fees on the student's account as of the fee payment deadline.

Please visit our website, <http://www.southeastern.edu/fees>, to view the fee schedule.

## Other Registration Fees

**Textbook Rental Fee--**All students who register at Southeastern Louisiana University will be charged a mandatory textbook rental fee of \$50 per class (no maximum) if a rental book is required for the course in which they are registered. This fee is determined by the number of courses taken which require a rental textbook. This fee will appear as a separate line item on the student's fee statement. The last day to return rental textbooks with no penalties is the first business day following the last day of finals. A fine will be assessed on books returned from the second business day through the fifth business day following final exams of a semester. Books not returned by the fifth business day following the last day of finals will be assessed a purchase fee on the student account.

The textbook rental fee is non-refundable except for students who drop courses during the drop/add period. Students who resign will receive a refund of the rental fee based on the current refund schedule. (See [Refund of Fees](#))

**ID Fee**--All students are assessed a mandatory, non-refundable fee to validate their ID card each semester the student is enrolled.

**International Student Services Fee**--All international students are required to pay, in addition to regular tuition and non-resident tuition, a \$60 international student services fee each semester (\$30, Summer).

**Course Specific Fees**--Some courses require additional course specific fees in the following areas of study: Biology, Chemistry, Counseling, Family & Consumer Sciences, Nursing, Computer Science and Industrial Technology, Math, Marketing and Finance, Kinesiology, Health & Human Sciences, Visual Arts, Fine & Performing Arts, English, Foreign Language and History and Freshman Success. These fees are identified in the course descriptions.

**Nursing Professional Degree Program** – There is an additional fee per semester for students enrolled in the Nursing Degree Program to cover the costs associated with these programs. A \$350 per semester fee will be charged for Graduate level students (\$250 for Undergraduate) enrolled in the Nursing Degree Program.

**Application Fee**--For information on application fees, please refer to the Admissions Criteria section of this catalogue and/or refer to our website at <http://www.southeastern.edu/apply/html>.

**Orientation Fee**-- A fee is not required of students participating in Orientation Programs. However, charges may be assessed for housing and certain meals.

## Room Rent and Cost of Meals Per Semester Fall and Spring Semesters

### Housing\*\*

For information on housing fees, please call University Housing at 985-549-2118 and/or refer to our website at <http://www.southeastern.edu/admin/housing/index.html>.

\*\*All fees are subject to change without notice.

## Campus Dining Services

Southeastern Louisiana University has a continuing commitment to offer quality dining programs and facilities that reflect the lifestyles of today's college student. There are several locations around campus to serve students. The Mane Dish features an all-you-care-to-eat menu with entrees freshly prepared upon order. Numerous choices range from a salad bar, home-style entrees, burgers, deli sandwiches, and fresh pasta dishes, to name a few. Retail options, such as Chic-fil-A, Mooyah, Panda Express, and Taco Bell are offered in the Lion's Den food court. Other dining locations include Subway, Pizza Hut, Starbucks and five convenience stores

Dining Services has an extensive list of meal plans that cater to the needs of all students. The meal plans consist of a straight declining balance program (Cub Cash) or a meal plan that is utilized primarily for meals served in the Mane Dish. It is mandatory for students who live on campus to purchase a meal plan. Meal plan options are available to resident students. For more information on Dining Services please refer to Dining Services under the Auxiliary Services section in the catalogue.

## Other Expenses

**Post Office Box Rental Fee**--Rent for a post office box is on a per semester basis and is \$16 for fall and spring and \$8 for the summer. There is no deposit required for a post office box key; however, the student will be assessed a \$25 fee if the key is not returned when the box is closed. An additional key may be obtained for a fee of \$25.

## Graduation Fees

**Graduate Students**--A fee of \$25 per copy is charged for the binding of the master's thesis/dissertation. The student is required to purchase a minimum of 2 bound copies for the University library. The student is allowed to purchase additional bound copies up to a maximum of five. Individuals wishing to have more than five copies bound may work with the bindery directly.

**Transcript Fee**--Students requesting same day transcript service must pay an express fee of \$5 to the Controller's Office for up to 3 copies. Before a transcript will be issued, all outstanding debt must be paid by cash, electronic check, credit card, cashier's check or money order. Non-cash payment will delay release of transcripts for seven business days.

**Diploma Fee**--Graduating students will pay a non-refundable diploma fee according to the following schedule.

Fee	Application Date	Graduation Semester
\$0	Through September 15	Spring (May Graduation)
\$15	From September 16 – December 1	Spring (May Graduation)
\$25	From December 2 – February 15	Spring (May Graduation)
No applications accepted for Spring Graduation after February 15		
\$0	Through February 15	Summer/Fall (December Graduation)
\$15	From February 16 – May 1	Summer/Fall (December Graduation)
\$25	From May 2 – June 15	Summer (December Graduation)
No applications accepted for Summer Graduation after June 15		
\$25	May 2 – September 15	Fall (December Graduation)
No applications accepted for Fall Graduation after September 15		

Students who fail to complete graduation requirements must reapply by filing another application and paying fees according to the above schedule. Graduating students are expected to be present at Commencement Exercises. Students must obtain a cap and a gown from the University Bookstore for the Commencement Exercises. This cost must be paid separately.

## Motor Vehicle Registration

**Registration Fee:** All students who drive automobiles, trucks, or motorcycles/motorbikes on the campus must register the vehicle and pay a motor vehicle registration fee based on the schedule below.

Students who register motor vehicles will be charged the following fees according to the semester in which the annual motor vehicle registration begins.\*

### Commuters and Resident Students

Registrations Begins	Motor Vehicle and Motorcycle Fee
Fall Semester	\$60
Spring Semester	\$40
Summer	\$20

**\*Refund:** Once a vehicle is registered, there will not be any refunds.

## Refund of Fees

If a student does not plan to attend the University, it is the Student's responsibility to drop all courses before the first day of class. The student will be financially responsible for any courses that remain on their schedule as of the first day of class.

Reduction of tuition and other course related fees will be made on the following basis:

**For Students Dropping Courses:** Students who decrease their course load (drop hours) resulting in a lower tuition cost through the drop/add period as defined in the current University calendar will receive a reduction in fees. Students who reduce their course load (withdraw) after the drop/add period are not eligible for a reduction of tuition and other course related fees.

**For Students Resigning:** A student who officially resigns(withdraws from all classes) from the University may obtain a reduction of fees according to the following schedule:

### Fall and Spring Semesters Amount of Refund (Reduction of Fees)

Prior to the first day of class 100%  
First – Fifth day of classes 75%  
Sixth – Fifteenth day of classes 50%  
After the Fifteenth day of classes 0%

### Summer Semester Amount of Refund (Reduction of Fees)

Prior to the first day of class 100%  
First – Third day of classes 75%  
Fourth – Eighth day of classes 50%  
After the Eighth day of classes 0%

Students receiving federal aid will also receive a reduction in fees according to the Institutional Refund Policy as stated above. Any unearned aid determined at the time of resignation/withdrawal will be returned to the provider and will be the responsibility of the student to reimburse Southeastern. This includes students who officially resign and those who cease attending without officially resigning (Unofficial Withdrawal)

To receive a 100% refund of fees previously paid, the student must drop all of their classes prior to the first day of classes.

If a student resigns on or after the first day of class, the student must complete and return a resignation form to the Records Office no later than the eighth class day in a summer semester, or the fifteenth class day of a fall or spring semester to receive any reduction of fees.

If a student is resigned by the University for any reason, he will be refunded according to the above schedule. The effective date of the resignation will determine which category of reduction of fees will apply.

Students considering a retro-active resignation should inquire about the implications affecting their financial aid (if any) before making the request.

The rules of refund for motor vehicle registration fees, room rent and meal ticket costs are included under the respective captions in this catalogue.

The above refund (reduction of fees) policy and drop dates apply to off-campus courses as well as on-campus courses.

## Workshops and Institutes

The rules for refunding fees applicable at any time during an academic year, intersession, or summer semester are on a proportionate time basis for workshops and institutes. The refund should be requested through the appropriate department.

## Issuance of Refunds

Southeastern Louisiana University has partnered with BankMobile Disbursements®, to distribute student refunds for all Southeastern students.

Be sure that your mailing address is current with the University, since it is used for all correspondence from the Controller's Office. If there is a reason that your refund cannot be sent to BankMobile Disbursements®, an email will be sent to your official university student email address.

Student refunds are sent according to the refund preference selected at BankMobile Disbursements®. A refund selection kit and email will be sent to the student and the student will make his or her choice at [Refundselection.com](http://Refundselection.com). For more information visit:

<http://www.southeastern.edu/admin/controller/studentrefunds/index.html>

## Financial Aid Authorization

Students are also encouraged to acknowledge the Financial Aid authorization statement. This authorization is necessary if the student expects financial aid to pay any non-institutional charges. Such charges include but are not limited to parking tags, parking fines, library fines or books, Lion Lagniappe, Southeastern Payment Plan, Emergency Loan, or textbook rental fines or textbooks sold. If you chose not to accept the authorization, you will be obligated to pay any non-institutional charges out of pocket. This authorization must be completed on-line through the student's LEONet account. This authorization may be rescinded at any time in writing by certified mail to the Controller's Office.

## Installment Plan

Southeastern is pleased to offer a financial planning option, the Southeastern Payment Plan (SPP), which allows students to pay their semester fees in three equal payments rather than in one lump sum for Fall/Spring and into two equal payments during the Summer Semester. The SPP program is managed by the Controller's Office.

In order to be eligible, a student must have not defaulted on any previous installment plan offered by the University.

Students with prior semester debts may not be allowed to enroll in the University until such debts are paid. Additionally, academic records (transcripts, diplomas, etc.) may be withheld until the debts are paid in full.

Because the SPP is not a loan, there will be no interest charged. Under this plan, the minimum required down payment is 1/3 of the semester costs during Fall/Spring (1/2 of the semester costs during Summer) plus a \$45 non-refundable processing fee and any outstanding balance are due by the fee payment deadline. Delinquent account balances and/or fines cannot be deferred.

Examples of delinquencies are traffic fines, library fines, or any prior semester debts. These fees must be paid in addition to the down payment by the fee payment deadline.

The remaining balance is deferred into equal installment(s).

It is the student's responsibility to make the designated payments on the SPP. However, the student authorizes the University to apply any prepayment, credit (i.e. Financial Aid), student/parent loan, and/or payroll check (employee or student employee) to any outstanding debt to the University before

these funds are issued to the student. Any funds remaining after the debt is satisfied will be refunded to the student or parent (depending upon the type of loan check) as appropriate.

Students may enroll in the plan online during registration by accessing LEONet “Self Service” – “Campus Finances” – “Enroll in Payment Plan.” Please refer to our website, [www.southeastern.edu/admin/controller/students/spp/index.html](http://www.southeastern.edu/admin/controller/students/spp/index.html), for instructions. If you have any questions regarding SPP, you may contact the Accounts Receivable section of the Controller’s Office or e-mail [studentaccounts@southeastern.edu](mailto:studentaccounts@southeastern.edu).

Students must follow University procedures when desiring to drop classes or to resign from the University. All published deadlines will apply. If the student moves from housing, discontinues use of meal plan, resigns or withdraws from the University, the student remains obligated to pay the remainder of any balance under this plan.

Any unpaid balance is subject to the same policy as any delinquent account.

### Check Policy

For the convenience of students, the Controller’s Office will accept personal checks in payment of fees, room rent, etc., and will cash personal checks for amounts up to \$25 per day for students (\$100 per day for faculty and staff) who can present a current ID card. Two-party checks will not be honored except those from parent to student or legal guardian to student.

Before presenting a check to the Controller’s Office, the student should be certain that it is negotiable, displaying the student’s I.D. number (“W” number), properly signed, drawn on the bank in which the student has funds, and is properly endorsed. Paper checks returned from the payees’ bank will be presented twice by Southeastern’s fiscal agent (bank) before being returned to the University. Electronic checks are not presented twice before being returned to the University. If a student’s check is returned to the University for any reason, a handling charge of \$15 will be assessed to the student’s account. If a student stops payment on a check presented to the Controller’s Office for any reason, the account will be assessed the \$15 service fee and is subject to the same policy as any delinquent account.

Returned checks should be redeemed immediately. Returned checks must be redeemed by cash, credit card, cashier’s check or money order. Failure to redeem a returned check, plus a handling charge, after receiving notice will be considered a violation of rules 14 – “Violation of other published University policies, rules or regulations”, 15 – “Violation of federal, state, and/or local laws”, and 16 – “Failure to comply” of the Standards of Student Conduct. Students disciplined by the University for violating its Standards of Student Conduct may be required to answer to civil authorities for the same act. Any returned check not redeemed promptly will be submitted to the District Attorney’s Office and will be charged an additional \$10 fee plus any collection costs imposed by the District Attorney’s Office.

Students who submit a check for tuition and fees, three checks which are returned to the University, or fail to redeem returned checks promptly will be denied check cashing privileges and be placed on a “cash only” basis for future transactions with the University. Checks will not be cashed for students who do not present a current Southeastern Louisiana University ID card.

### Delinquent Student Accounts

The University reserves the right to withhold services from anyone with a delinquent account. Services that are discontinued may include, but are not limited to, the following: transcripts, student grades, diplomas, registration, and deferment plans. This policy will be administered by the Controller’s Office and will include delinquent loans, delinquent receivables, NSF checks, etc., maintained within the Controller’s Office.

This policy will not prevent the student from receiving a priority registration appointment, but may block participation in the actual class selection process until the delinquent account is brought to a current status. In the event that priority registration is blocked, students will have to register during the open registration phase which normally starts the week following priority registration when the account is paid and the block has been removed.

The Controller's Office is on a quarterly billing cycle in order to bill those students who have delinquent accounts. Students requesting same day service for transcripts must pay all outstanding balances before the transcript will be released. Cash, credit card, electronic check, cashier's check, or money order are acceptable forms of payment for these balances.

Any student who has any questions about his or her outstanding accounts and/or delinquent accounts may contact the Accounts Receivables section of the Controller's Office, or email [studentaccounts@southeastern.edu](mailto:studentaccounts@southeastern.edu).

## Financial Responsibility Statement

Before registering for classes at Southeastern Louisiana University, all students will be required to acknowledge the University's Financial Responsibility Statement. This statement confirms that by registering for classes at Southeastern, you become a party to a contract with Southeastern Louisiana University and you express your agreement to the terms and conditions set forth by this catalogue.

The Financial Responsibility Statement reads as follows:

By registering for courses at Southeastern Louisiana University ("Southeastern"), you hereby acknowledge that you are entering into a contractual arrangement with Southeastern, whereby you agree to comply with all laws, rules and regulations applicable to your registration, payment of fees, enrollment and attendance. Included in the rules and regulations that comprise the terms and conditions of this contract are those contained in any Southeastern General Catalogue in effect during the years of your enrollment.

In addition to reading, agreeing with and accepting all of the terms and conditions set forth in the Southeastern General Catalogue, you must specifically acknowledge the following:

- All fees and other University expenses are due before classes begin.
- It is the student's responsibility to cancel their registration by dropping all courses before classes begin if proper financial arrangements have not been made.
- The university reserves the right to withhold future services (registration, transcript request, diploma, etc.) to persons who have any outstanding obligations with the University.
- In the event that financial aid is reduced or cancelled, or in the event the student has not met the specified requirements for receiving such aid, the student will become responsible for the full balance of outstanding charges.
- If payment is in the form of a check and the check is returned by the bank for any reason, a \$15 service charge will be assessed to the student's account. If the check is not redeemed promptly, the returned check may be submitted to the District Attorney's office for collection. Upon transmittal for collection, the student will be responsible for a \$10 fee in addition to any other collection costs imposed by the District Attorney's office based on a percentage of the amount of the check.
- Students leaving Southeastern prior to the 60% point, officially or unofficially, in the semester are obligated to return the federal aid received for that semester proportionate to the student's attendance. Failure to return that portion of federal aid received upon demand may result in the amount owed being transferred to the State of Louisiana Attorney General's Office or other outside collection agency, for collection. Upon transmittal for collection, the student is responsible for collection/attorney's fees in the amount of thirty-three and one-third per-cent (33 1/3%) of the unpaid debt, and all court costs.
- Any debt owed to the university as a result of the student's failure to make required payments or failure to comply with the terms of the applicable program as governed by the



Southeastern General Catalogue will result in a violation of the terms and conditions of this contract. Failure to respond to demands for payment made by Southeastern may result in such debts being transferred to the State of Louisiana Attorney General's Office or other outside collection agency, for collection. Upon transmittal for collection, the student is responsible for collection/attorney's fees in the amount of thirty-three and one-third per-cent (33 1/3%) of the unpaid debt, and all court costs.

A student must accept this agreement by logging on to their LEONet account. If a student has not accepted this statement before registering classes through their LEONet account, the Financial Agreement page will automatically appear and must be accepted before registering classes. Any questions regarding the Financial Responsibility Statement should be directed to the Controller's Office.

### Student Residence Regulations

Because residence classification is an important part of fee determination, admission regulations, and other policies of the University, it is important that the University have fair and equitable regulations which can be administered consistently, respecting the interests of both the students and the taxpayers of Louisiana. It is the responsibility of the student to provide the University with such evidence as deemed necessary to establish his residence status.

The residence status shall be determined in accordance with board rules and shall be based upon evidence provided in the application for admission and related documents. Residence status shall be determined by the Admissions Office after the completed application for admission has been submitted. The rules shall be based primarily on the location of the home and the place of employment. Residence status may not be acquired by an applicant or student while residing in Louisiana for the primary purpose of attending school. Residence status, for fee purposes only, will be granted to non-resident graduate students registered for three semester hours or less and undergraduate students registered for six semester hours or less in any session, or all non-resident students enrolled in up to six semester hours of graduate or undergraduate courses offered through web-based instruction or other electronic instruction, when domiciled outside of the state of Louisiana and not enrolled in any other courses at the university. The following conditions may be used in determining residence status.

### Definition of a Resident Student

A resident student for tuition purposes is defined as one who has abandoned all prior domiciles and has been domiciled in the State of Louisiana continuously for at least one full year (365 days) immediately preceding the first day of classes for the term for which residence classification is sought. "Domicile," as the term is used in the context of residence regulations, is defined as an individual's true, fixed, and permanent home and place of habitation at which the individual remains when not called elsewhere for labor, studies, or for special or temporary purposes, and the place to which the individual returns after an absence. A non-resident student for tuition purposes is a student not eligible for classification as a resident.

The individual's physical presence within this state for one year prior to admission must be associated with the substantial evidence that such presence was with the intent to maintain a Louisiana domicile. Physical presence within the state solely for educational purposes without substantial evidence of the intent to remain in Louisiana will not be sufficient for resident classification regardless of the length of time within the state.

The residence status shall be determined in accordance with Board rules and shall be based upon evidence provided in the application for admission and related documents. The Office of Admissions shall determine residence status after the completed application for admission has been submitted. The rules shall be based primarily on the location of the home and place of employment. Residence status may not be acquired by an applicant or student while residing in Louisiana for the primary purpose of attending school. Residence status, for fee purposes only, will be granted to non-resident graduate students registered for three semester hours or less and undergraduate students registered

for six semester hours or less in any session, or all non-resident students enrolled in up to six semester hours of graduate or undergraduate courses offered through web-based or other electronic instruction, when domiciled outside of the state of Louisiana and not enrolled in any other courses at the university.

1. An applicant living with his parents is classified as a resident if the parents have established a bona fide residence in Louisiana. Ordinarily, a parent is considered to have established a residence in Louisiana if he actually resides and is employed full-time in the State. A parent who is unable to be employed or who is a housewife may be considered to have established a residence in Louisiana if there is convincing evidence that the person continuously resides in Louisiana. If only one parent qualifies as a resident of Louisiana, the student shall be classified as a resident provided that student resides with the parent who is a resident of Louisiana. An individual, who resides in Louisiana and is employed full-time in another state, may be classified as a resident. In such case, appropriate documentary evidence shall be presented.
2. A student residing with his parents who enrolls as a nonresident shall be classified as a resident if his parents move to Louisiana and acquire residence as defined in these regulations.
3. A student may be declared a resident if either parent is a graduate of Southeastern. A student who graduates with an associate or higher degree may be classified as a resident for subsequent enrollment at Southeastern. (Applicable only to U.S. citizens).
4. A person may be classified as a resident of Louisiana at the end of twelve consecutive months of residence if he has been employed in Louisiana and if during that period he has not been registered in an educational institution for more than six semester hours or its equivalent in any semester. A person who is unable to be employed and who has not been registered in any educational institution for more than six semester hours or its equivalent in any semester may acquire residence in Louisiana if there is convincing evidence that he continuously resided in Louisiana for twelve consecutive months immediately preceding registration.
5. A student who is married to a Louisiana resident may acquire the residence status of his or her spouse.
6. A person who resides in Louisiana for at least two years, exclusive of military service, and then moves to another state or foreign country shall retain the right to enroll himself or any of his dependents as a resident for a period equal to the number of years he resided in Louisiana, but the right shall expire upon the person's residing for a period of two years in another state or foreign country.
7. A member of the full-time armed forces (not reserve or guard) currently stationed in Louisiana and their dependents shall be classified as Louisiana residents. A serviceman who was stationed in Louisiana immediately prior to his release from active duty may enroll himself or his dependents as residents during a period not to exceed six months after the date of release provided that his term of active duty shall have been no less than 12 consecutive months.
8. A member of the full-time armed forces who was a resident of Louisiana immediately prior to entering the armed forces shall retain the right for himself or any of his dependents to be classified as a resident as long as he is in the armed forces and for a two-year period after leaving the armed forces.
9. A resident of Louisiana shall not lose the right to be classified as a resident during periods of employment in a foreign country.
10. An alien who has been lawfully admitted to the United States for permanent residence as an immigrant (proof of such status shall be possession of his Form I-151-Alien Registration Receipt Card or passport officially stamped "approved as resident alien") and who has established residence under any of the foregoing provisions shall be declared a resident of the State.
11. Non-resident students who hold graduate assistantships may be classified as residents for fee purposes only and only for the duration of the graduate assistantship.

The University has a Residence Appeal process. Any student classified as a non-resident may appeal the classification to the Office of Admissions. The student should be prepared to supply documentation to substantiate any appeal.

### Veterans Access, Choice, and Accountability Act of 2014. 38 U.S.C.3679(c)

Effective January 1, 2016, the following individuals shall be charged the in-state rate, or otherwise considered a resident, for tuition and fees purposes:

- A Veteran using educational assistance under either chapter 30 (Montgomery G.I. Bill – Active Duty Program) or chapter 33 (Post-9/11 G.I. Bill), of title 38, United States Code, who lives in the State of Louisiana while attending a school located in the State of Louisiana (regardless of his/her formal State of residence) and enrolls in the school within three years of discharge or release from a period of active duty service of 90 days or more.
- Anyone using transferred Post-9/11 G.I. Bill benefits (38 U.S.C. § 3319) who lives in the State of Louisiana while attending a school located in the State of Louisiana (regardless of his/her formal State of residence) and enrolls in the school within three years of the transferor's discharge or release from a period of active duty service of 90 days or more.
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in the State of Louisiana while attending school in the State of Louisiana (regardless of his/her formal state of residence) and enrolls in the school within three years of the Service member's death in the line of duty following a period of active duty service of 90 days or more.
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same school. The person so described must have enrolled in the school prior to the expiration of the three year period following discharge, release, or death described above and must be using educational benefits under either chapter 30 or chapter 33, of title 38, United States Code.

### Appeals Committee

A student's residence status does not change automatically, and the burden rests with the student to file the appropriate documentation with the Director of Admissions, who is the chairman of the Residence Regulations Appeals Committee. To ensure completion of the reclassification action prior to fee payment deadline, the appropriate documentation should be filed with the Director of Admissions no later than three weeks prior to the fee payment deadline for that semester. Information received after that time may not be completed in time to ensure reclassification as a legal resident for fee payment purposes. Also, to be eligible for a refund of non-resident fees paid for a given semester, the documentation for non-resident reclassification must be filed no later than sixty (60) days into the semester for which the fees are applicable. Refund of non-resident fees will not be retroactively applied to prior semesters.

# Financial Aid

## General Information

Our goal at Southeastern Louisiana University is to provide the resources to help you finance your college education. With federal, state, and institutional assistance, you have the opportunity to accomplish your educational goals. While you may complete the Free Application for Federal Student Aid (FAFSA) before being admitted to the university, you will not be awarded financial aid until your request for admission has been granted.

Students interested in receiving financial assistance through federal programs must complete the Free Application for Federal Student Aid (FAFSA). The FAFSA may be completed on the web at [www.fafsa.gov](http://www.fafsa.gov), or by requesting a paper form by calling 1-800-433-3243. Students should complete the FAFSA as soon as possible after October 1 to apply for financial aid. Students are strongly encouraged to meet the following priority deadlines:

Summer Semester	March 1
Fall Semester	March 1
Spring Semester	October 15

Processing time for all financial aid programs is approximately six weeks. It is strongly recommended that the student meet the priority deadline date for the term that they are seeking financial assistance. Students must apply each year for financial aid.

Financial aid is administered as a "package," which may contain a combination of grants, loans, work-study, and scholarships. Below are descriptions of the various financial aid programs. The amount of a student's eligibility in each of the programs will be based on the student's grades, financial aid preference, need analysis results, cost of attendance, enrollment status, and timeliness of the financial aid application. In order to receive federal financial aid, a student must maintain satisfactory academic progress.

### Repeat Course Policy for Financial Aid (Undergraduates)\*:

Federal regulations require the Office of Financial Aid to monitor and adjust a student's enrollment level for Title IV aid if, or when, courses are repeated for which credit has already been earned.

The policy allows a student to receive financial aid under the following situations:

- To repeat any failed or withdrawn courses until a passing grade is received.
- To repeat one time for a grade in which a passing grade was previously received.

Once a student receives a passing grade of "D" or better, the student may attempt the class one additional time for a grade.

**Note\*** The repeated course policy for financial aid is separate from the institutional academic repeated course policy.

### Federal Pell Grants

The Pell Grant Program makes funds available to eligible undergraduates who have not earned a bachelors or professional degree. The actual amount of your Pell Grant will be based on your eligibility, cost of attendance, number of hours for which you enroll, and program funding.

### Federal Supplemental Educational Opportunity Grant Program (SEOG)

The Federal Supplemental Educational Opportunity Grant is for undergraduates with exceptional financial need. Priority is given to students who receive a Federal Pell Grant. You may be eligible if you are enrolled at least half-time at Southeastern. When you apply for Federal Financial Aid, you are automatically considered for an SEOG Grant.

## Teacher Education Assistance for College and Higher Education (TEACH) Grant

The Teacher Education Assistance for College and Higher Education (TEACH) Grant Program provides you with up to \$4,000 a year in grant assistance if you are completing or plan to complete course work needed to begin a career in teaching.

As a condition for receiving a TEACH Grant, you must sign an Agreement to Serve promising to teach full-time in a high-need field at a low-income school or educational service agency, or teach at certain low-income schools and within certain high-need fields for at least four complete academic years within eight years after completing (or ceasing enrollment in) the course of study for which you received the grant.

If you do not complete your teaching service obligation, the amounts of the TEACH Grants you received will be converted to a Direct Unsubsidized Loan that you must repay with interest charged from the date of each TEACH Grant disbursement. For detailed information on the grant, visit [www.teachgrant.ed.gov](http://www.teachgrant.ed.gov).

## Louisiana Go Grant

The Louisiana Go Grant is a need-based financial aid program aimed at making college more affordable for students from moderate- and low-income families. Louisiana resident students who are eligible for and receive the federal Pell Grant may also be eligible for a Louisiana Go Grant.

## Federal Perkins Loan Program

The Federal Perkins Loan is a low-interest loan made to students who are enrolled at least half time to help meet their educational expenses. This loan is for undergraduate and graduate students with exceptional financial need. Depending on the availability of funds, undergraduate/graduate students may be awarded between \$200 and \$4,000 per year. Undergraduate students may borrow up to a total of \$20,000. Graduate students may borrow up to \$40,000. (This total includes the amount borrowed as an undergraduate).

## Luther L. Ricks Memorial Loans and Tinsley Memorial Loans (Emergency Loans)

The Luther L. Ricks Memorial Loan Fund and the Tinsley Memorial Loan Fund: In 1951 the faculty established a loan fund as a memorial to Gladney Jack Tinsley, President of the College from July, 1945, to December 8, 1951. Members of the faculty and staff and friends of Southeastern have contributed to this loan fund. Each semester students contribute a portion of their fees to these loan funds. These loan funds are awarded as emergency loans to students who have an overall "C" average and who are full-time students (12 or more hours for the fall and spring semesters, 6 or more hours for the summer semester). An emergency loan may be applied to tuition, fees, and textbook rental charges, **but it does not include housing and meals.**

On request, the Office of Financial Aid will furnish additional information. Students may apply online for an emergency loan via the student's LEONet account.

## William G. Ford Federal (Direct Loan) Program

Loans made through this program are referred to as Direct Loans, because eligible students and parents borrow directly from the U. S. Department of Education at participating schools. You must be enrolled as at least a half-time student to be eligible for a loan. Direct Loans include the following:

**Direct Stafford Loans**

- **Direct Subsidized Loans** – You must have financial need to receive a subsidized loan. The U.S. Department of Education will pay (subsidize) the interest that accrues on your Direct Subsidized Loan during certain periods.
- **Direct Unsubsidized Loans** – Financial need is not a requirement to obtain an unsubsidized loan. You are responsible for paying the interest that accrues on your Direct Unsubsidized Loan.
- **Direct Subsidized and Unsubsidized Loan Limits** – The following chart provides maximum annual and aggregate (total) loan limits for subsidized and unsubsidized Direct Stafford Loans. For current interest rates and rebates, visit the Direct Loan Servicing website at : [studentloans.gov](http://studentloans.gov)

Year	Dependent Undergraduate Student (except students whose parents are unable to obtain PLUS Loans)	Independent Undergraduate Students (and dependent students whose parents are unable to obtain PLUS Loans)	Graduate and Professional Degree Students
First Year	\$5,500 – no more than \$3,500 of this amount may be in subsidized loans.	\$9,500 – no more than \$3,500 of this amount may be in subsidized loans.	\$20,500 – no more than \$8,500 of this amount may be in subsidized loans.
Second Year	\$6,500 – no more than \$4,500 of this amount may be in subsidized loans.	\$10,500 – no more than \$4,500 of this amount may be in subsidized loans.	
Third Year and Beyond (each year)	\$7,500 – no more than \$5,500 of this amount may be in subsidized loans.	\$12,500 – no more than \$5,500 of this amount may be in subsidized loans.	
Maximum Total Debt from Stafford Loans when you Graduate (aggregate loan limits)	\$31,000 – no more than \$23,000 of this amount may be in subsidized loans.	\$57,500 – no more than \$23,000 of this amount may be in subsidized loans.	\$138,500 – no more than \$65,500 of this amount may be in subsidized loans. The graduate debt limit includes Stafford Loans received for undergraduate study.

Direct PLUS Loans (PLUS Loans) are loans parents can obtain to help pay the cost of education for their dependent undergraduate children. In addition, graduate and professional degree students may obtain PLUS Loans to help pay for their own education. A FAFSA must be completed to obtain a PLUS Loan. The amount borrowed can be up to the Cost of Attendance minus any other aid.

**Federal Work-Study Program (FWSP)**

The Federal Work-Study Program provides jobs on and off-campus for students who have financial need and who want to earn part of their educational expenses.

Students may work on or off campus. Jobs are also available as America Reads Tutors or Community Service Workers. America Reads Tutors work in area elementary schools helping at-risk students learn to read. Community Service Workers may choose from a number of community service agencies in several parishes.

The hours a student may work are limited and wages are determined by the job description. However, students will earn no less than the federal minimum wage. In order to be eligible, a student must demonstrate financial need, maintain satisfactory academic progress and maintain a good work history. Students must be enrolled at least half time.

## State Work Study

The State Work Study Program provides on-campus jobs for students who want to earn part of their educational expenses. A variety of jobs are available in most departments. The hours a student may work are limited and wages are determined by the job description; however, students will earn no less than the federal minimum wage. Wages are determined by the job description. In order to be eligible a student must be enrolled at least half time.

## Satisfactory Academic Progress

In order to be eligible for federal financial aid, a student must:

1. Be eligible under the academic rules and regulations of the University of Louisiana Board of Trustees.
2. Be eligible under the academic rules and regulations of the University.
3. Meet the Satisfactory Progress standards applicable to recipients of Title IV Programs. It is the student's responsibility to become aware and knowledgeable of the Satisfactory Academic Progress standards; a complete statement of these standards is available on the Financial Aid website, [www.southeastern.edu/admin/fin\\_aid/index.html](http://www.southeastern.edu/admin/fin_aid/index.html).

## Scholarships

The University awards scholarships to students of high scholastic, creative, and athletic ability. While the University underwrites the vast majority of these scholarships, the Southeastern Foundation has many scholarships funded by generous alumni and friends.

Southeastern staff work with each donor to create criteria for their scholarship. The University encourages that every scholarship recipient submit a thank you letter to donors before the funds are disbursed to the student's account.

For more information about available scholarships, please contact the Scholarship Office. To learn more about the Foundation scholarships generous donors, visit [http://www.southeastern.edu/alumni\\_donors/foundation/students/scholarships/index.html](http://www.southeastern.edu/alumni_donors/foundation/students/scholarships/index.html).

The University is most appreciative of all of the generous donors who assist deserving students in achieving their educational goals.

# Scholarships

## General Information

The following is a list of scholarships at Southeastern Louisiana University. (Please note that scholarship availability and selection criteria listed on the following pages are subject to change at any time.) To obtain additional information about scholarships, contact Scholarship Services by writing to Southeastern Louisiana University, Office of Scholarship Services, SLU 10768, Hammond, Louisiana 70402, or by calling 1-800-222-SELU (7358) or 985-549-2244.

To be considered for all university awarded scholarships, complete the Scholarship Online Inquiry within your LEONet Self Service account.

### Academic Scholarships

#### **Southeastern Priority Scholarship**

Students who complete an application for admission as a beginning freshman by the priority deadline of January 15 for the Summer/Fall semester or by September 15 for the Spring semester, with a 23 ACT and a 3.5 cumulative high school grade point or a 24 or higher ACT and a minimum 3.0 cumulative high school grade point average will qualify for a priority scholarship at Southeastern. All scholarships are awarded for eight semesters. A Priority Housing Award is offered to students who live on campus beginning with their first semester.

Beginning freshmen who apply after the January 15 deadline will be eligible for the Honors Scholarship. The eligibility criteria is the same as the Priority Scholarship, so students are encouraged to apply before the priority deadline of January 15 for Summer/Fall or by September 15 for Spring semester to maximize their awards

To retain the Priority Scholarship or the Honors Scholarship a student must be enrolled as a full-time student, earn 30 credit hours in an academic year, and maintain both a cumulative and semester 3.0 grade point average. For more information on retention requirements and for additional scholarship information, please visit the website at [www.southeastern.edu/scholarships](http://www.southeastern.edu/scholarships), or contact the Scholarship office.

**The Southeastern Honors Scholarship** that was previously awarded through the Spring 2018 has now been replaced with the Honors Scholarship listed above. Current recipients will continue to receive their award as long as retention requirements are met. Students admitted as beginning freshman with a 23 or higher ACT score and a minimum 3.0 cumulative high school grade point average (on a 4.0 scale) qualified for scholarships at Southeastern through Spring 2018. All scholarships were awarded for eight semesters. An Honors Housing Award was offered to students who live on campus beginning with their first semester. To retain a Southeastern Honors Scholarship a student must be enrolled as a full-time student, earn 24 credit hours (miscellaneous credits do not apply) in an academic year, and maintain both a cumulative and semester 3.0 grade point average. For more information on retention requirements and for additional scholarship information, please visit the website at [www.southeastern.edu/scholarships](http://www.southeastern.edu/scholarships), or contact Scholarship Services.

#### **The Southeastern Promise**

Students must be admitted as a beginning freshman in the Fall of 2018 to apply for the Southeastern Promise. To maintain eligibility, students must meet the conditions as outlined on the Promise website (for 2018), including 1) requires no developmental courses; 2) completes Orientation; 3) enrolls in the Promise program by the last day of the admitted fall semester; 4) makes progress of 30 hours per year toward degree program and; 5) maintains good academic standing and a minimum 2.0 grade cumulative point average. To students who choose to enroll in the Promise, Southeastern guarantees a fixed net tuition rate and a four year to degree commitment. For more information on the Southeastern Promise, please visit [www.southeastern.edu/promise](http://www.southeastern.edu/promise).



**Dual Enrollment 15+ Completion Award**

Students who complete 15 or more Southeastern dual enrollment credit hours with a grade of "C" or better can receive a \$1000 (\$500 Fall, \$500 Spring) supplementary award for their first year at Southeastern only, contingent on the availability of funds. Students must be enrolled full-time for the first Fall semester following their high school graduation to be eligible.

**Early Graduates Summer Incentive Scholarship:** Award of \$600 for the summer semester to juniors and seniors with the ability to graduate within 30 credit hours or no later than the spring semester. Applicants must have a minimum 2.0 cumulative grade point average. This award is for one summer only and the recipient must carry a minimum of six hours. This award is available to undergraduate students only. Applicants must supply a detailed graduation plan from their academic department. Contact Scholarship Services, SLU 10768, Hammond, LA 70402, or call 985-549-2244. Applications are available in April of each spring semester. This scholarship is awarded on a funds-available basis.

**Prestige License Plates Scholarship:** Award of up to \$600 to undergraduate students with the ability to graduate within one year of scholarship semester. This award is for one semester only and the recipient must be full-time for the fall or spring semester and at least half-time for the summer term (unless semester of graduation). Applicants must have a minimum 2.0 cumulative grade point average. Applicants must supply a detailed graduation plan from their academic department. Contact Scholarship Services, SLU 10768, Hammond, LA 70402, or call 985-549-2244. Applications are available in April for the summer term and fall semester and November for the spring semester. This scholarship is awarded on a funds-available basis.

**EXCEL:** Award of \$500 per semester for 8 semesters to beginning freshmen. Recipients must have a minimum high school GPA of 2.5 and be nominated by their principal and/or guidance counselor. To retain one of these scholarships, a recipient must show demonstrated leadership, citizenship, and community service from high school, participate in a Leadership class during the first semester at Southeastern, maintain a 2.5 GPA each semester, and maintain full-time status at the University. \*For more information, feel free to contact the Office of Leadership Development/Student Activities at 985-549-2233.

**Non-Resident Fee Waiver Scholarship:** The Board of Supervisors has authorized each college and university to identify and award non-resident fee waiver scholarships to academically talented students among out-of-state applicants to the university. The fee waiver is a privilege that is not necessarily awarded to every qualified student. To qualify, the student must meet standards listed under the "Waiver of Non-Resident Fees."

**Completer Scholarship:** Available to eligible graduate or undergraduate students who are within one year of degree program completion. Applicants must complete the Application for Completer Scholarship form and supply a detailed graduation plan from their academic advisor and academic department. Contact Scholarship Services, SLU 10768, Hammond, LA 70402, or call 985-549-2244 for application form. This scholarship is awarded on a funds-available basis.

**Southeastern Assistance Grants:** Award of \$500 per semester for 4 semesters to students who show expressed need, motivation, and have at least a 3.0 GPA and 20 ACT (for beginning freshman) or 3.0 GPA (continuing and transfer students). This scholarship is awarded on a funds-available basis and a student's scholarship total will be considered in the awarding process. Contact Scholarship Services for additional information.

**Southeastern Merit Award:** Award of \$1,000 per semester for eight semesters to entering freshman documenting status as a National Merit Finalist or Semi-Finalist. To retain one of these scholarships, a recipient must maintain full-time status in the University and a minimum 3.0 GPA each semester. Contact Scholarship Services for additional information.

**Southeastern's Non-Traditional Scholarship:** Award of \$500 per semester for eight semesters to undergraduate non-traditional student (25 or older) with a minimum cumulative GPA of 2.5 who is

enrolled a minimum of six hours. This scholarship is awarded on a funds-available basis. Contact Scholarship Services for additional information.

### **Phi Theta Kappa Honor Society Golden Opportunity Scholarship**

In addition to the Senator Ben Nevers Transfer Scholarship, students who are PTK graduates can also receive a supplementary two-year scholarship to Southeastern Louisiana University, contingent on the availability of funds, upon meeting the following criteria:

- Student must have completed an associate's degree no earlier than the spring semester, of the year they are transferring, with a 3.0 cumulative grade point average.
- Student must be an active PTK member at the time of graduation.
- Student must have completed a FAFSA.
- Student must have applied to Southeastern.
- Student must enroll full-time at Southeastern no later than the first regular semester (Fall or Spring) following their completion of an associate's degree. Students enrolling during the Summer semester, must enroll in 6 or more hours.

To maintain eligibility, students must earn a total of 30 credits or more at the end of each academic year and maintain a 3.0 semester grade point average.

The PTK Golden Opportunity Scholarship will be \$1,500 per year (\$600 Fall, \$600 Spring, \$300 Summer) award for a maximum of two years.

Students must self-identify by emailing [finaid@southeastern.edu](mailto:finaid@southeastern.edu) with a copy of their Phi Theta Kappa membership card.

### **The Senator Ben Nevers Transfer Student Scholarships Transfer Student Scholarships:**

Scholarships available to students transferring to Southeastern. These scholarships are based on hours attempted and a cumulative grade point average of 3.00 or higher. (Transfer students with less than 18 hours attempted must have a minimum 23 or higher ACT and minimum 3.00 or higher cumulative grade point average as both their college and high school GPA). For additional information go to: [www.southeastern.edu/scholarships](http://www.southeastern.edu/scholarships).

To retain a Transfer Scholarship a student must be enrolled as a full-time student, earn 24 credit hours (miscellaneous credits do not apply) in an academic year, and maintain both a cumulative and semester 3.0 grade point average. For more information on retention requirements and for additional scholarship information, please visit the website at [www.southeastern.edu/scholarships](http://www.southeastern.edu/scholarships) or contact Scholarship Services.

## **State Supported Scholarships**

The Louisiana Office of Student Financial Assistance (LOSFA) administers various state and federal post- secondary scholarship and grant programs. The information listed below is a brief list of some of the scholarships offered by the state of Louisiana. This is not a complete list of all state supported scholarships in Louisiana. The criterion for each scholarship listed below has been condensed. Additional information and applications may be obtained by writing to the Louisiana Office of Student Financial Assistance (LOSFA), Post Office Box 91202 Baton Rouge, Louisiana 70821-9202, by email to [custserv@la.gov](mailto:custserv@la.gov), or by calling, 225-219-1012 or toll free 1-800-259-5626.

LOSFA's primary scholarship program is the "Louisiana Tuition Opportunity Program for Students" (TOPS). To be eligible, LOSFA requires students to complete a Free Application for Federal Student Aid (FAFSA) each academic year (contact LOSFA for deadline dates); must have at least a score of 20 on the ACT and a minimum 2.5 GPA on core courses; must be a Louisiana resident (domiciled in Louisiana); and must have graduated from a Louisiana high school no earlier than May of 1997. Certain high school core curriculum requirements as designated by LOSFA must also be met. Students completing a home study program approved by BESE may also qualify with a minimum ACT score of 23. For any questions concerning TOPS eligibility, contact LOSFA at 1-800-259-5626 Ext. 1012. High School Counselors should also have eligibility and information regarding the TOPS program.

**Louisiana Rehabilitation Services:** This is a joint Federal-State Agency that provides assistance to students who are physically or mentally handicapped in order to help them to become gainfully employed. Assistance in college training can be provided as part of the student's rehabilitation. Any student who feels he has an employment handicap should call Louisiana Rehabilitation Services at 800-520-0588.

## Fee Waiver Scholarships

### Summer Start

Students who recently graduated from high school students with an ACT composite score of 23 or higher, high school cumulative GPA of a 3.0 or higher are eligible to take advantage of attending the summer semester and having up to six credit hours of tuition waived.

### Summer Smart

Undergraduate students who attend Southeastern Louisiana University for the summer semester, and are enrolled in at least 1 credit hour, are eligible for a \$300 grant for that semester. Senior citizens who receive the senior citizen waiver must be enrolled in at least 4 or more credit hours to receive the grant. Study abroad students are not eligible for this grant.

**Dependent Fee Waiver:** Spouses and children of Faculty and Staff members who are employed full-time as of the last day of registration for the semester of enrollment may attend Southeastern Louisiana University. Waiver amounts are awarded to undergraduate students only with respect to hours registered. Generally, children who qualify will be limited to those who are eligible dependents for tax purposes during the calendar year in which the fee exemption is issued.

**Faculty/Staff Fee Waiver:** Faculty and Staff members who are employed full-time by the last day of registration for the semester in which enrollment is requested are eligible for a fee waiver. Waiver amounts are awarded with respect to hours registered.

**Graduate Assistantships:** A limited number of Graduate Assistantships are available to qualified graduate students. Assistantships are awarded at the discretion of the individual department heads, and assignments are made according to the needs of the university. Qualified graduate students may also be eligible for a limited number of graduate teaching fellowships. Graduate Assistants are appointed in accordance with the University of Louisiana System, Department of Civil Service and Southeastern policies.

**National Guard Exemption:** Award amount covers base tuition for a full-time student in Fall and Spring semesters, and the base tuition amount for the Summer session. When a student becomes a member of the Louisiana Army or Air National Guard, the guard member completes a Unit STEP Request at their unit prior to the application deadline. For more information, contact your unit.

**Senior Citizen Fee Waiver:** Students who are 60 years of age or older (proof of date of birth is required) and are a resident of Louisiana are not charged general fees for three credit hours nor an ID fee. Other registration fees and special fees will not be waived under this policy nor will individuals enrolled under this waiver be granted reductions in cost for materials and supplies required at the University Bookstore. This fee waiver will be limited to three credit hours only. In order to receive this waiver, first-time students must apply in the Controller's Office.

**Southeastern Scholars Program:** High school students with an ACT composite score of 24 or higher, high school cumulative GPA of a 3.0 or higher, and permission of their principal are eligible to receive a scholarship to assist with the tuition for up to six hours of enrollment.

## Veteran Services

Students seeking or receiving education benefits through the Veteran Administration should contact the Veteran Services.

The following guidelines are set up so the veteran or eligible person will be in compliance with Veteran Administration regulations.

1. Make satisfactory progress toward a degree or certificate.
2. Comply with and meet all standards set forth within the University catalogue.

The Veterans Administration Office will not pay for the following:

1. Audited Courses – Courses that are attended but not taken for a grade.
2. Repeated Courses – Courses that are taken by the student, but are not required to be retaken by his/her degree program.
3. Non-Major Courses – Courses that are not required in your major.

Each veteran and eligible person has the following responsibilities:

1. Read and understand the standards relating to achievement, progress, and conduct published by Southeastern Louisiana University that must be met and maintained in order to continue to receive V.A. benefits.
2. Submit class schedule to Veteran Services prior to each semester.
3. Notify University officials and Veteran Services immediately when he/she ceases to attend a class or if any other schedule adjustments are made.
4. Enroll in additional courses to ensure full-time status as a graduating student, allowed only in his/her final semester before graduation. (Does not apply to those using Chapter 31 benefits.)

Veteran/Service member students, their dependents and their spouse have the same priority class scheduling as athletes, honor students and students with accommodations.

# Auxiliary Services

## Housing and Living Accommodations

### Off-Campus Housing Permission

All unmarried, full-time undergraduate students with less than 60 hours, regardless of age or whether or not they have been emancipated, are required to live in on-campus residence halls as long as space is available.

Students who are residing with parents, legal guardians, close relatives (defined as grandparents, married brother, married sister), or hardship cases as established by the Board of Supervisors for the University of Louisiana System may be exempt from the on-campus residency requirement. Exemption information and claim forms may be obtained from the Dean of Students' Office. Students found violating the policy as stated above will be required to move into the residence hall system and pay room rent plus an administration fee for the semester in which the violation occurred. Refusal to do so will result in disciplinary action.

To be considered for exemption from the on-campus residency requirements, students must complete the appropriate application form. Forms must be submitted at least 25 days prior to the first day of registration for a semester in order to ensure full consideration. Action taken on applications received on time will be mailed no later than five days prior to the first day of registration for the semester. Forms are available in the Dean of Students' Office.

When a student is granted permission to reside off-campus, the University assumes no responsibility for the living arrangements and supervision of that student.

### University Residence Halls

The University provides living accommodations for approximately 2,700 students in campus residence halls, apartments, and organizational housing. Continuous efforts are made to provide educational, social, and cultural advantages as part of the experience in group living for hall residents. The use of any forms of tobacco are prohibited on campus, including all residential facilities. First time Southeastern students must be fully admitted to the university prior to being accepted for University Housing. All continuing Southeastern students must have a 2.0 overall GPA or a 2.0 on 12 hours or more from the previous semester to remain in housing or apply to live in a residence hall or organizational house. In order to live in campus apartments, a student must have a minimum 2.3 GPA and at least 30 earned credit hours.

Students who live in the Southeastern Louisiana University residence halls are required to purchase a full meal plan. When a plan is chosen, the student agrees to abide by their choice for the full semester. If a resident student fails to select a meal plan during the registration process, the default meal plan will automatically be selected for him/her. Cub Cash (declining balance dollars) may be added at any time in increments of \$25. Cub Cash rolls over from Fall to Spring semesters only. Prices are subject to change if conditions make it necessary. Only students with meal plans and students purchasing meals on an individual meal basis will be admitted to the cafeteria (Mane Dish). All purchases made on the student's account must be made by the individual whose name appears on the account.

Meal plans are non-transferable. Any student permitting someone to use their meal plan and/or borrowing another student's ID is subject to disciplinary action.

The administration of the residence halls is based on the premise that students are endeavoring to do their best, observing the democratic principles of consideration of others, so that students may pursue their chosen courses of instruction in a manner which will be both to their credit and to that of the University. Students who fail to comply with all residence hall regulations are subject to disciplinary action. University Housing has a zero tolerance policy for harmful or disruptive behavior in and around the residential communities. Drugs, weapons, vandalism, fighting, alcohol and other serious

behavior not conducive to the educational mission of the university and residential community will not be tolerated. Students in violation may be immediately removed from the residence hall and will receive no refunds.

Laws, regulations, and rules represent best efforts to create a livable society and to induce socially acceptable behavior. Students at Southeastern Louisiana University are expected to be mature, law abiding, and responsible in their general behavior. Accordingly, they are expected to obey national, state, and local laws; respect the rights and privileges of others; be forthright and honest in all their social and academic conduct, and in general, conduct themselves in a manner that brings credit to themselves and the University.

In addition to national, state, and local laws, students are expected to obey University regulations. These regulations clearly state what students must do and some specific things that students must not do if they wish to remain associated with the institution.

The University does not attempt to define every forbidden action by formal rules. In situations not covered by specific regulations, a student should use common sense and be sure that their conduct is at all times consistent with that expected of a mature, responsible individual who has high ethical standards.

In order to meet emergency situations, make routine maintenance inspections, maintain minimum health and safety standards, and to enforce University regulations, the University or their agent reserves the right to enter students' rooms.

## Living-Learning Communities

A Living-Learning Community is a purposeful residential clustering of students who share common academic, cultural, or social interests. Each community varies in organization, goals, and curriculums. University Housing, in partnership with several academic affairs units, offers both living-learning communities and themed housing: Honors in Livingston, Louisiana and Ascension, College of Education open to all halls, STEM (Science, Technology, Engineering, and Math) Community in Cardinal Newman Hall, Business Community in Tangipahoa Hall, and Community Service in St. Tammany, Greek Village for students already in Greek Life and Village M for students interested in pursuing Sorority Life. Applicants interested in experiencing a Living-Learning Community or themed housing should select the corresponding hall when listing hall preferences on the University housing application.

## Application for Rooms in University Housing Facilities

Only regular enrolled, full-time, unmarried students are eligible to live on campus without special permission. Students not enrolled as full-time may be granted special permission from the Director of University Housing to reside on campus.

With the exception of new freshmen, resident may have a 2.0 overall GPA at the time of application to the residence halls and organizational housing. All residents must maintain a 2.0 overall GPA to remain in the residence halls and organizational housing. Apartment residents must have a 2.3 overall GPS and sophomore standing at the time of application, and must retain 2.3 overall GPA to remain in Southeastern Oaks Apartments. Students who do not meet these criteria may file an appeal with the University Housing Academic Standards Committee.

The housing application portal can be found at [www.southeastern.edu/liveoncampus](http://www.southeastern.edu/liveoncampus) where, click "Apply Now." Applications for University Housing must be submitted via this portal and must be accompanied by the processing fee (\$100) and room prepayment (\$300). The processing fee increases to \$150 if not submitted by posted deadlines. Students must be considered fully admitted to the University in order to access and complete the application. Students submitting a housing room application agree to live in housing and are responsible for all housing and meal charges through May commencement, unless only applying for summer semester housing. Please contact University Housing for details regarding Organizational Housing agreement terms.

## Claiming University Housing Assignments

Southeastern Louisiana University does not guarantee assignment to a particular type of accommodation. Assignment to rooms in the residence hall will be made in accordance with the established policy for priorities and on the basis of available housing space. Room assignment is contingent upon final acceptance for admission. Organizational house room assignments are made by University Housing in conjunction with each organization's House Manager. Rooms are to be occupied only by the students to whom the rooms are assigned. Rooms may not be sublet to another person. Applicants are advised to apply early. Building and room assignments are based on; acceptance to the university, date of Housing application, and all fees and prepayment received. The university reserves the right to change the room assignment of any student, to deny residence to any student, or dismiss a student from a residence hall at any time such action is deemed necessary for the best interest of the residence hall system and/or its residents.

## Dining Services

Southeastern Louisiana University has a continuing commitment to offer quality dining programs and facilities that reflect the lifestyles of today's college student. Our campus dining program provides a unique combination of specialty restaurants offering a variety of food choices. Two types of restaurants are featured in Dining Services: 1) The Mane Dish – an all-you-care-to-eat dining facility with entrees prepared in front of customers; 2) The Lion's Den – a food court which is host to retailers such as Chic-fil-A, Panda Express, Taco Bell, Mooyah, the Union Market featuring grab 'n go options and more. We also offer other retail locations including Starbucks, Pizza Hut, Subway Café, and Java City Internet Cafe. In addition to the many restaurant options, we also offer five full-service convenience stores on campus. Mane Market is located in Louisiana Hall, Mane Market Too is located in Garrett Hall, Union Market is located in the Lion's Den Food Court, Mane Market North is located on North Campus, and The Marketplace is located in the Student Union East wing next to Pizza Hut.

## Meal Plans

Southeastern Louisiana University has a mandatory meal plan policy for resident students.

**The Cub Plan:** Provides 150 all-you-care-to-eat meals per semester in The Mane Dish. Cub Cash (declining balance dollars) is included with this meal plan. This plan also includes 10 Guest Passes that can be used each semester. This is the default plan if a student does not choose a meal plan during registration.

**The Gold Plan:** Provides eight (8) all-you-care-to-eat meals per week in The Mane Dish. Cub Cash (declining balance dollars) is included with this meal plan.

**All Access 7:** Provides unlimited all-you-care-to-eat meals per semester in The Mane Dish and Cub Cash (declining balance dollars). This plan also includes 1 Guest Pass that can be used each week.

**All Access 7 Upgrade:** Same as All Access 7 but with additional Cub Cash (declining balance dollars).

**Commuter Meal Plan:** Gives commuter students and Southeastern Oaks residents access to any of the campus dining locations at any time. The commuter meal plan is all Cub Cash (declining balance dollars).

**Voluntary Meal Plan I:** For commuter students and Southeastern Oaks residents. It provides 48 all-you-care-to-eat meals per semester in the Mane Dish and Cub Cash (declining balance dollars).

**Voluntary Meal Plan II:** For commuter students and Southeastern Oaks residents. It provides 18 all-you-care-to-eat meals per semester in the Mane Dish and Cub Cash (declining balance dollars).

**Organizational Plan 1:** This meal plan is available only to students living in Organizational Housing. Organizational Plan 1 is 100 percent Cub Cash and can be used at any campus dining facility, including the four (4) on-campus convenience stores.

**Organizational Plan 2:** This meal plan is available only to students living in Organizational Housing. Organizational Plan 2 provides a set number of all-you-care-to-eat meals per week in The Mane Dish. Cub Cash is also included with this meal plan.

All students have until the Fee Payment Deadline to make meal plan changes in LeoNet or by the second week of classes through the Dining Office located on the first floor of the Student Union. Requests can also be made via phone at (985) 549-2286.

To find out more about Cub Cash (declining balance) amounts or to purchase additional declining balance dollars, please visit the Dining Services office located on the first floor of the Student Union or call us at 985-549-2286. Visit [www.southeasterndining.com](http://www.southeasterndining.com) for additional details regarding meal plans.

## Campus Dining Services Locations

- A. **The Mane Dish**— is the primary residential dining facility available to commuters, faculty, staff and guests as well, featuring an all-you-care-to-eat menu with food prepared custom ordered in front of consumers. Numerous choices range from a salad bar, home-style entrees, burgers, deli sandwiches, and fresh pasta dishes, to name a few.
- B. **Lion's Den** – a food court that features Chic-fil-A, Panda Express, Taco Bell, Mooyah and the Union Market featuring grab 'n go items. The Lion's Den also provides other food choices including sushi, snacks and more.
- C. **Pizza Hut** – located in the Student Union East area. Pizza Hut features customizable pizzas, salads, pasta dishes, chicken wings, and breakfast biscuits.
- D. **Subway Café** – featuring famous Subway subs, Subway Café also offers salads, pizza, Seattle's Best coffee and pastries. Located in Tinsley Annex.
- E. **Starbuck's** – full-service location featuring Starbuck's coffee, muffins, bagels, and more. Located in the Student Union.
- F. **Java City Internet Café** – a retail location in the library featuring designer coffee, pastries, and more.
- G. **Mane Market** – convenience store located in Louisiana Hall featuring snacks, drinks, grab-n-go items and basic convenience store items.
- H. **Mane Market Too** – convenience store in Garrett Hall featuring grab-no-go salads, sandwiches, snacks, drinks and more.
- I. **Mane Market North** – convenience store kiosk in North Campus Main Building featuring grab-n-go salads, sandwiches, sushi, Starbuck's self-serve coffee, snacks, drinks and more.
- J. **The Marketplace** – convenience store located next to Pizza Hut featuring fresh produce, customizable deli options, smoothies, snacks, grab-n-go items and more.

Once a student selects their meal plan during registration, the entire amount must be paid by fee payment deadline. All meals can then be purchased by presenting the Southeastern ID card. University

## Campus Card Operations

Every student enrolled at Southeastern Louisiana University must have a Student ID card and must carry the ID at all times. A government issued photo ID (ex. Driver's license, passport) is required when having an original Student ID card made. It is mandatory for a student to pay the non-refundable validation fee each semester the student is enrolled.

The Student ID card is used to access the Lion's Lagniappe Account. This is a campus-wide account established to reduce the need to carry cash while on campus. It is also accepted at select merchants throughout the Hammond area. The Lion's Lagniappe account can be established by selecting an amount *during* registration through the student's LEONet account or via cash deposit into one of the five Lion's Lagniappe Value Terminals (located in the Student Union, Sims Memorial Library, Louisiana Hall, Greek Village and the Campus Card Operations office) or online using ManageMyID via the Campus Card Operations website. Lion's Lagniappe can be added *after* registration at the Controller's Office or online using GET.

Lion's Lagniappe funds will rollover from semester to semester as long as the student is enrolled. Students may request a refund of Lion's Lagniappe funds during the semester; however, a \$10



processing charge will be assessed. Refunds of accounts, which were paid with Financial Aid funds, will be reimbursed to the financial institution. Lion's Lagniappe balances will be credited upon separation from the university (i.e. graduation, resignation, etc.).

Lost or stolen University ID cards (student, faculty, staff) should be reported immediately to Campus Card Operations or the University Police Department. You may also report your card lost using your GET account. If you find your card, you can reactivate it in GET, unless you have already replaced the ID card with a new card. Once a card is reported lost to Campus Card Operations, it immediately becomes invalid.

The card holder assumes full responsibility for the safekeeping of the ID card. A \$15 fee is assessed to replace a lost, stolen or damaged ID card.

The ID card is restricted to the person to whom it is issued. The card will be confiscated if it is used by anyone other than the person to whom it was issued. Violation of this policy will result in disciplinary action including possible dismissal.

The ID card is the property of Southeastern Louisiana University. It becomes invalid upon termination or interruption of enrollment. If the student re-enrolls in the university, the same ID card will be reactivated automatically, if within one year. A \$15 fee will be assessed if a new ID card is required and the time does not exceed one academic year prior to re-enrollment.

## Document Source Print and Mail Center

The Document Source is a full-service copy and mail center servicing Southeastern students, faculty, and staff, as well as the general public. We offer professional quality and service products conveniently located in the Student Union. The Mail Center provides rental postal boxes. Mail Center rental box costs are \$16 per semester (Fall and Spring) and \$8 (Summer). Deliveries are made daily (Monday-Friday) by the office of University Housing, to all residential halls. The Mail Center also handles all campus and departmental mail. Mail and package services are also available to the campus community at the Mail Center. Stamp and shipping supply purchases can be made at the Document Source. The Document Source also provides FedEx and UPS services.

## Textbook Rental

Follett Higher Education Group has partnered with the University to manage its Textbook Rental System which issues textbooks on a student fee system at a per course charge. The charge is included on the student invoice and is refundable only upon resignation on or before the last day of final registration, or when a course is dropped and the book is returned by the end of final registration.

Students are required to return the book that was issued to them in good condition and undamaged. Lost, wet, mildewed or damaged books must be purchased. Students will receive notification from Textbook Rental if books are deemed damaged and charges will be posted to the student's account. Books not claimed within three (3) weeks of notification will be subject to disposal. All purchases of rental textbooks are final.

Students must present their Southeastern Student ID card to check out their books. Students are required to return the book(s) issued to them by the first business day following the last day of final exams. A book drop return is available to students during times that the Textbook Rental office is closed. The book drop box will automatically lock when filled.

All drop books will be checked in the next business day following the drop.

A \$7.50 per book fine will be assessed on books returned from the second business day through the fifth business day following final exams.

Non-returned books will be charged at the full retail price.

Any student resigning from the university or withdrawing from any class must return all rental textbooks prior to leaving.

Books can be returned by mail but must be post-marked by the scheduled return deadlines or late/overdue charges will be applied.

Students do have the option of purchasing textbooks. Rental fees will be refunded for textbooks purchased from Southeastern Textbook Rental within the first three weeks of classes. Prices are subject to change without notice. Books such as manuals and workbooks, that are not available through Textbook Rental, may be purchased from the University Bookstore or any other source the student chooses.

### Textbook Rental System Appeals Process for Overdue Books

Students with overdue rental books have the opportunity to file an appeal if they have an extenuating circumstance which prevented them from returning the books by the deadline. The appeals process includes the completion of the Textbook Rental Appeal Form which can be downloaded and printed from the Textbook Rental Web site ([www.selu.edu/textbookrental](http://www.selu.edu/textbookrental)). The appeals process and form can be found in the Student Policies section of the Web site.

When completing the form, students must attach all pertinent information that will document clearly and concisely the extenuating circumstances resulting in the rental books not being returned by the posted deadlines (ex. medical records, military records, death certificate, etc.).

This written appeal is reviewed by the Textbook Rental Appeals Committee which is comprised of administrators, faculty and students. The committee meets at various times throughout each semester. Committee decisions are mailed to students as soon as the student's case has been reviewed.

Overdue accounts are due at the Controller's Office by the fee payment deadline. If an appeal is approved, the charges will be credited back to the student's account.

### University Bookstore

Follett Higher Education Group has partnered with Southeastern for the operation of the University Bookstore. The bookstore carries a complete line of Southeastern gifts and accessories, greeting cards, office supplies, backpacks, textbooks, academically priced software, general reading books and art supplies.

The University Bookstore shall grant a full refund for textbooks during the first five (5) days of the fall and spring semester classes, with a receipt. Thereafter, a full refund is given through the twelfth (12th) class day with a receipt and a proof of withdrawal. A cash register receipt must accompany all refunds and returns.

1. Returns may be made within five (5) class days of each summer session.
2. Study guides, test preparations and manuals are non-refundable.
3. Computer items and software may be refunded or exchanged within three (3) days from the date of sale, with the original receipt, providing the merchandise is unopened.
4. All other merchandise may be returned within thirty (30) days of purchase with a receipt.
5. New materials must be returned in original condition.
6. Shrink-wrapped items may be returned for refund, if unopened.
7. Refunds for textbooks are not allowed during the week prior to, or during finals.

Cap and gown purchases are available in the fall and spring. College rings may be ordered at any time.

Visit the bookstore Web for store hours and any special sales and events throughout the school year at: [www.southeastern.edu/liongear](http://www.southeastern.edu/liongear).

## Event and Conference Services

We want you to have a positive experience when booking your even on Southeastern's campus. From start to finish, an event coordinator will assist you with planning your event to ensure it is executed flawlessly.

- Weddings
- Professional Development Conferences/Meetings
- Sports Camps
- Cheer and Dance Camps
- Seminars
- Corporate and Community Events

We provide a full line of services to customize to your event's needs. For example, on-site catering and dining options can be incorporated into your even plans as well as security, lighting and reserved parking. Overnight lodging is available during the Summer semester for the convenience of our camp guests.

## Student Union

Part of the Department of Event and Conference Services, The War Memorial Student Union is the community center of the University. The Student Union provides services and conveniences to students, faculty, and staff during their daily life on campus. Services available in the Student Union include the Mane Dish dining facility, the Lion's Den Food court, the Game Room, ATM machines, The Document Source Print and Mail Center, University Bookstore, Pizza Hut, Starbuck's, and The Marketplace. The Student Union also offers ballroom, conference and meeting room space.

The Student Union houses the University Counseling Center, the Health Center, the Center for Student Excellence and several administrative offices.

## University Center

The University Center is a versatile facility situated on 11 acres on the north side of Southeastern's campus. The "UC," as it is known, serves as the home for Southeastern basketball and volleyball as well as camps, expos and local high school commencement ceremonies. Southeastern students will begin their college experience in the UC during welcome week and celebrate their achievements in this facility as they walk across the arena stage to receive their diploma from our University President.

# The Division for Student Affairs

*Eric J. Summers, Vice President for Student Affairs*

The Division for Student Affairs complements the University's academic mission by providing a safe and supportive campus that affords students with ample opportunities for development in addition to important services that add value to the campus experience. At the core of the Division's work is the belief that student involvement (defined as time spent on campus, involvement with student organizations, interaction and familiarity with faculty and staff, development of a peer support group, and commitment to academic pursuits) is critical to student success. As such, the Division serves as a resource to all students, regardless of major or classification.

## Student Affairs Mission Statement

The Division for Student Affairs enhances growth of Southeastern students and fosters pride in the institution through the provision of superior campus services, meaningful opportunities for student development, and maintenance of a safe campus. The Division for Student Affairs oversees several services and programs as follows:

### Student Development

The Office of Student Development provides personal development opportunities for all students through its wide range of programs that are designed to enhance the quality of student life. The Office of Student Development has direct oversight of the Division's assessment, parent programming, first-year co-curricular programming, free expression policies, registration of events, new student orientation presentations, divisional on-call, and various other policies and procedures.

### Student Engagement

The Office for Student Engagement encourages and facilitates student engagement in student organizations including Student Government Association and Greek letter organizations, leadership development, and participation in campus-wide events and community service. The Office for Student Engagement is committed to providing development opportunities for all students and challenges them to become empowered, motivated and experienced leaders and citizens through a comprehensive co-curricular experience.

Student organizations are vital to Southeastern's campus life and provide varied opportunities for students to enhance classroom experiences through interaction with individuals of varied interests, ideas, and values. There are over 100 student organizations that include honor societies and departmental, religious, service, and special interest groups. The following organizations are presently active at Southeastern:

#### Student Government Association

Southeastern's Student Government Association (SGA), of which each student is a member, is the principle organization of the student body and is part of the Office for Student Engagement. The SGA provides student representation to the faculty, administration, and community. The SGA constitution provides for a three-branch system of government that includes executive, legislative, and judicial units. All branches are elected by the student body.

#### Departmental Organizations

American Association of Drilling Engineers, American Industrial Hygiene Association, Biology Graduate Student Organization (BGSO), Biology Undergraduate Society (BUGS), Delta Omicron Professional Music Fraternity, DSA Leadership Ambassadors, Financial Management Association, GRE Physics Club (GREP), Italian Club, Le Circle Francais (French Club), MBA Society, National Association of Black Accountants, National Student Speech Language Hearing Association (NSSLHA), Pre-Law Students Association, Press Club, Public Relations Student Society of America, Sigma Alpha Iota-Mu Rho Chapter, Social Work Club, Society of Physics Students, Southeastern

Association of Family and Consumer Sciences, Southeastern Ceramics Club, Southeastern Education Association of Students, Southeastern Integrated Science Club (STEMS), Southeastern Marketing Association, Southeastern Sociological Association, Southeastern Student Nurses Association, Southeastern Trumpet Guild, Southeastern Undergraduate Mathematics Society (SUMS), Spanish Club, Student Athletic Training Association (SATA), Student Council for Exceptional Children, Visual Arts Society.

#### Honor Societies

Alpha Kappa Delta, Alpha Psi Omega, Beta Alpha Psi, Beta Beta Beta Biological Sciences Honor Society, Chi Sigma Iota, Delta Omega Alpha, Gamma Beta Phi, Kappa Delta Pi, Kappa Kappa Psi, Lambda Pi Eta, National Society for Collegiate Scholars, National Society of Leadership and Success (Sigma Alpha Pi), Phi Kappa Phi, Pi Mu Epsilon, Psi Chi, Sigma Alpha Lambda Leadership and Honors Organization, Sigma Tau Delta/The English Club.

#### Religious

Baptist Collegiate Ministry, Catholic Student Association, Crossroads Campus Ministry, Everdeeper, Fellowship of Christian Athletes, Friends of Internationals, IGNITE, Latter-Day Saint Student Association, Lions for the Lamb, M3 (The MVMNT), Praise-N-Motion Dance Ministry, Presbyterian Campus Ministry, Southeastern Christian Association, Southeastern Gospel Choir, Southeastern Nurses Christian Fellowship, The Wesley foundation.

#### Service Organizations

Association of Latin American Students, Circle K International, From Start 2 Finish, Lion Legacy Association, National Association for the Advancement of Colored People (NAACP), Omega Phi Alpha, PEEPS-Peer Educators Educating Peers, Red Cross Club, SOAR (Student Outreach and Advocacy Representatives), Student United Way, Students for John Bel Edwards.

#### Sports

Lacrosse, Shindoryu Aikijutsu Association.

#### Special Interest

American Society of Safety Engineers, American Welding Society, Association for Computing Machinery, Association of Latin American Students (ALAS), Best Buddies, Black Student Union, Brazilian Jiu-Jitsu Club, College Republicans, Fishing Club, Golden Girls, Hall Council, HIPS (History and Political Society), Institute of Supply Management of SELU, Jujitsu Club of SELU, Lions Against Trafficking, MADE Men, NAMI on campus Southeastern, National Broadcast Society, National Organizational Communication Association, Nepali Student Association at Southeastern Louisiana University, Phi Beta Lambda, Phi Mu Alpha Sinfonia, Pixel, Reconnect, Sigma Alpha Xi, Society for Human Resource Management, Southeastern Chemistry Club, Southeastern Ducks Unlimited, Southeastern Guitar Club, Southeastern Judo Association, Southeastern Students for Life, Southeastern Sustainability Society, Sports Management Association, Standout, Student Government Association, Student-Led Louisiana Early, Young Americans for Liberty.

#### Fraternities

Alpha Phi Alpha, Delta Tau Delta, Kappa Alpha Order, Kappa Sigma, Omega Psi Phi, Phi Beta Sigma, Pi Kappa Alpha, Sigma Tau Gamma, Theta Chi, and Theta Xi.

#### Sororities

Alpha Kappa Alpha, Alpha Omicron Pi, Alpha Sigma Tau, Delta Sigma Theta, Phi Mu, Sigma Gamma Rho, Sigma Sigma Sigma, Theta Phi Alpha, and Zeta Phi Beta.

## Multicultural and International Student Affairs

The Office of Multicultural and International Student Affairs works to create a campus environment that encourages and welcomes diversity. The office coordinates a wide range of programs and services in cooperation with academic departments, student organizations and other student support units. These activities assist students in achieving academic success and provide the campus with avenues for learning about and celebrating new cultures and diverse ways of thinking.

## Campus Activities Board

Southeastern recognizes the value of extracurricular and co-curricular activities both as an integral part of the educational process and as a means of relaxation and entertainment for students. The Campus Activities Board's (CAB) purpose is to enhance the educational process by allowing students to plan social, cultural, and entertainment programs for the campus community.

## Recreational Sports and Wellness

Recreational Sports and Wellness provides students with opportunities to participate in a variety of sport/recreational related events that help stimulate learning and personal development. Housed in the Pennington Student Activity Center, the department offers intramural sports, sport clubs, special events, fitness classes, and other activities throughout the year to meet student recreational needs.

## Student Publications

Student Publications and the students working therein are responsible for the planning, writing, designing, and production of *The Lion's Roar* newspaper and *Le Souvenir Yearbook*, as well as a variety of other media at Southeastern Louisiana University. Student Publications is committed to producing quality media that enhance the University while maintaining a learning-lab environment in which excellent communication skills and sound journalism will be learned and practiced by students. Dedicated to upholding the standards of responsible journalism, Student Publications provides the campus community with designated public forums for the expression of ideas and opinions in a free and open environment, and the exchange and dissemination of information. These dedicated student-led forums fulfill a role essential to the health of a vibrant university in a democratic society.

Through the presence of a student-run newspaper and yearbook, the department provides the students, faculty, and staff of Southeastern with a variety of services and outcomes. While aiding in the creation of various media produced by the department, student staff members also benefit from the opportunity to learn and improve writing, reporting, editing, photography, layout, and graphic design skills. The office strives to produce award-winning University run and student-led publications which chronicle and document the history of the University while providing meaningful student experiences, management, leadership, ethics, responsibility, and community service. The department also provides students with a working environment that fosters the development of skills such as time management, human relations, teamwork, and fiscal responsibility. Student Publications supports the mission and goals of the Division for Student Affairs and the entire University by providing both individuals and groups at the University with vehicles to publicize activities, events, and topics relevant to the campus community.

## Office of Career Services

The Office of Career Services (CS) provides job search assistance and career counseling/coaching services to juniors, seniors, graduate students, and alumni. CS also provides assistance in locating off-campus part-time employment opportunities in the Northshore area to all classifications of currently enrolled students.

Career counseling/coaching services include information and sessions to discuss career goals, develop resumes and cover letters, and polish job interview skills. Career assessment is also

available to clarify interests and personality strengths as they relate to appropriate career choices. Job search assistance services include on-campus interviews, resume referrals, job vacancy postings, and campus-wide and specialized career fairs.

Students interested in any of these services should contact the Office of Career Services – [www.southeastern.edu/career](http://www.southeastern.edu/career) - [careerservices@southeastern.edu](mailto:careerservices@southeastern.edu) – 985-549-2121 – SU Annex, Room 2102.

## University Counseling Center

The University Counseling Center (UCC) offers professional mental health counseling services to assist with personal and social concerns. Individual, couples, marriage, family and group counseling is available to all students, faculty and staff. The UCC staff also provides emergency services after hours.

Professional services are confidential except in cases of danger to self or others, evidence of child/elder abuse or neglect, court order, written permission of the client to disclose, or if the counselor is legally challenged by the client. The UCC staff adheres to the American Counseling Association's Code of Ethics and the Code of Ethics of the Louisiana Licensed Professional Counselors Board of Examiners. The UCC is accredited by the International Association of Counseling Services, Inc.

## Student Advocacy and Accountability

Southeastern Louisiana University, in pursuit of its educational mission, seeks to teach students citizenship, to value others and respect community. The University affirms that students, upon enrollment, do not lose the rights of, nor are they exempt from, fulfilling the obligations and duties of citizens. Students have the responsibility to familiarize themselves with the Student Code of Conduct and the University policies including, but not limited to, those pertaining to harassment, computer use, academic dishonesty, and traffic regulations. Students are expected to conduct themselves in a manner which supports the educational mission and functions of the University, as well as to comply with all federal, state, and local laws, and all applicable University policies.

### Sanctions

The following sanctions shall be effective at all universities under the jurisdiction of the University of Louisiana System:

1. Any student who is found to have violated any of the rules of personal conduct may be sanctioned up to and including suspension, dismissal, or expulsion. If the violation is found to be of a serious nature, such student shall at minimum be suspended or dismissed for one academic year.
2. A visitor to the campus found to have violated any rules of personal conduct may be denied admission to the University. If the violation is found to be of a serious nature or to have contributed to disruption, the visitor shall at a minimum be denied admission or employment for twelve months.
3. The President of the University is authorized to bar from the campus any student who has committed an act of misconduct in violation of the rules of personal conduct and whose presence on the campus constitutes a clear and present danger to the orderly processes of the University.

### Separation from the University

Students who are found responsible for serious violations of the Student Code of Conduct or who habitually violate the Student Code of Conduct may receive a sanction that separates them from the University. Such sanctions could include the following:

1. **Disciplinary Suspension:** Involuntary separation of the student from the University for a definite period of time after which the student is eligible to apply for readmission assuming no intervening serious misconduct has occurred. The student is placed on disciplinary

probation for the first semester following return to the University. Conditions for readmission may be specified. Students who are involuntarily separated from the University are restricted from visiting or entering any Southeastern Louisiana University premises for the period during which their sanction is in effect without advance written authorization from the Chief Judicial Affairs Officer. A hold may be placed on the ability to register and/or the records of the students who are involuntarily separated from the University for the period of separation.

2. **Disciplinary Dismissal:** Involuntary separation of the student from the University for a definite period of time and without a guarantee of readmission. Consideration of readmission will not occur in less than one calendar year with the burden of proof lying with the student. Conditions for consideration of readmission may be specified. Students who are involuntarily separated from the University are restricted from visiting or entering Southeastern Louisiana University premises for the period during which their sanction is in effect without advance written authorization from the Chief Judicial Affairs Officer. A hold may be placed on the ability to register and/or the records of the students who are involuntarily separated from the University for the period of separation.
3. **Disciplinary Expulsion:** Permanent separation of the student from the University. Students who are involuntarily separated from the University are restricted from visiting or entering Southeastern Louisiana University premises for the period during which their sanction is in effect without advance written authorization from the Chief Judicial Affairs Officer. A hold will be placed on the student's ability to register and may be placed on the records of those who are involuntarily separated from the University.

In certain circumstances where there is a perceived threat of safety to the University Community, the Vice President for Student Affairs, the Chief Student Conduct Officer, the Assistant Director of OSAA, or designee, may impose a University or residence hall suspension prior to final disposition of the matter. Upon issuance of an Interim Suspension, the Chief Conduct Officer, the Assistant Director of OSAA, or designee, shall endeavor to contact the Student, advise the student that an Interim Suspension is in effect, and provide the Student with an opportunity to address the alleged misconduct.

## University Police Department

The Southeastern Louisiana University Police Department is a service and safety oriented department with broad enforcement powers and is dedicated to providing an atmosphere in which the mission of the University can be accomplished. The officers are commissioned through the Louisiana Department of Public Safety under the provisions of the Louisiana Revised Statutes, Section 17:1805. Crime prevention and student safety is a priority and representatives of this department are actively involved in instructional and educational outreach. University Police has jurisdiction over all university properties. Jurisdiction is extended to off campus locations when requested by other law enforcement agencies.

The University Police Department provides a full range of law enforcement services including criminal investigations, accident investigations, emergency services, and crime prevention education. The department operates 365 days a year, 24 hours a day, 7 days a week.

If an arrest is made, the individual will be transported to the Tangipahoa Parish Jail (felony) or to the Hammond City Jail (misdemeanor) for booking. All females are taken to the Tangipahoa Parish Jail. Violations of University regulations, which are not criminal offenses, will be reported to the University Chief Judicial Officer for further action.

The University Police Department reports the numbers and types of crimes monthly to the United States Department of Justice, the Louisiana Commission on Law Enforcement, and to the Board of Supervisors for the University of Louisiana System. University Police can be contacted by dialing 985-549-2222.



## Transportation Services

### Shuttle Service

Students, faculty and staff may ride the Lion Traxx Shuttle 7 a.m. to 6 p.m., Monday through Thursday (no Friday Service). Riders must present their Southeastern ID to board. Two routes cover the campus with shuttles making the loop around campus every 15 minutes. For time, stops, and more information, call 549- BUSS (2877).

### Campus Parking Regulations

Campus parking regulations are explained in detail at [www.southeastern.edu/admin/transport-new/policies/index.html](http://www.southeastern.edu/admin/transport-new/policies/index.html). Students are responsible for knowing and understanding the regulations, where they are authorized to park, the campus speed limits, and enforcement procedures.

Parking areas on Southeastern's campus are designated and marked specifically faculty /staff, resident student, freshman commuter, upper class commuter, and motorcycles. Handicapped and maintenance vehicle parking spaces are also clearly marked. All parking areas are indicated by color code on the Campus Map.

Students requiring the use of a handicapped parking space must have a state issued handicapped hangtag, placard, or license plate and a Southeastern handicapped hangtag. Those who fail to obtain a Southeastern handicapped hangtag will be issued a parking citation. In accordance with state law, unauthorized parking in a handicapped space will result in a \$275 parking citation.

### Motor Vehicles

All students and employees of the University are required to purchase a parking decal/hangtag prior to parking on campus. All visitors are required to register their vehicle with Transportation Services and receive a temporary parking tag. Any vehicle parked on campus without a current parking tag will be issued a ticket.

# The Center for Student Excellence

Lorett Swank, *Director*

The mission of the Center for Student Excellence is to work in partnership with the university academic departments and campus community to assist students in becoming active, responsible, and successful learners. The center is committed to creating an environment which fosters student development and retention.

To fulfill this mission, the Center for Student Excellence provides freshman advising and academic coaching, the Southeastern (SE) 101: Freshman Academic Success course, and tutoring in select subjects for all Southeastern students.

Professional academic advisors/coaches are assigned to assist all incoming freshmen (new and transfer students with less than 30 hours). These students are advised in the center until they complete two full semesters or 30 hours, whichever comes first. First-year students meet individually with their professional advisor/coach throughout the semester to discuss academic and career goals, grade progress, obstacles, and other concerns. Advisors also help freshman students learn about and understand academic plans, curriculum and/or program requirements, general education requirements, prerequisites, and course selection.

SE 101, the university's required academic success course for beginning freshmen, is a two-hour credit graded success course which aims to provide freshman with the tools needed to manage the emotional, social, and academic transition to the university. It is designed to help cultivate effective and adaptable behaviors, develop successful academic strategies, and to connect with professional advisors to explore career options, academic plans, and target the skills needed to be a successful college student.

For first-year students that experience academic challenges, the CSE offers an Academic Recovery Program where students can participate in counselor-led groups and/or individual meetings with their assigned CSE advisor/coach. The Academic Recovery Program is designed to help students identify and develop the tools, skills, and support necessary to recover their grade point average and to regain "good" academic standing with the university as quickly as possible. As an added resource, students are also eligible to enroll in the SE 102: Freshman Academic Coaching Seminar, which is a one-credit hour course that provides student-focused academic coaching by engaging and encouraging freshman students on probation to identify the personal and academic strategies necessary to succeed as college students.

Tutoring services are offered on the main campus, on-line via NetTutor, and at the library for all Southeastern students. Qualified peer and professional tutors provide one-on-one and small group tutoring with emphasis placed on the student's responsibility to actively engage in the learning process.

# The College of Arts, Humanities and Social Sciences

Karen Fontenot, *Dean*  
James B. Worthen, *Assistant Dean*

The College of Arts, Humanities and Social Sciences is comprised of the departments of English, History and Political Science, Languages and Communication, Music and Performing Arts, Psychology, Sociology and Criminal Justice, and Visual Art + Design. It also houses the General Studies program.

## Graduation Requirements

To earn a baccalaureate degree in the College of Arts, Humanities and Social Sciences, a student must successfully complete two sets of academic requirements: University requirements and departmental requirements.

### **University Requirements:**

The University requirements are listed in the Admission Criteria and Academic Regulations section of this catalogue.

### **Departmental/Program Requirements:**

Fulfillment of the requirements specified by the department offering the program of study in the student's major. These departmental requirements, including a curriculum outline, are located elsewhere in this section (chapter) of the General Catalogue.

1. Courses in each curriculum which will be used in calculating the grade point average in the major are identified by a "++." The following departments require a grade of "C" be made in each of their major courses: Languages and Communication, Music and Performing Arts, Sociology and Criminal Justice, Visual Art + Design.
2. All departments require that a cumulative or degree grade point average of 2.0 or higher be earned in the major.

## Degrees Awarded

The degree of Bachelor of Arts is awarded upon the successful completion of a four-year curriculum in Art (Ten areas of Concentration), English, History, Political Science, Criminal Justice, Psychology, Spanish, Communication or Sociology. The degree of Bachelor of Music is awarded in Music (Three areas of Concentration) and the Bachelor of General Studies is awarded in General Studies.

## Honors Diploma in the Discipline

The college also offers upper-division honors curricula allowing students to earn an honors diploma in a specific discipline at graduation. For information about requirements and honors courses in your major, please contact the department in which you are majoring.

## The Major and Minor Programs

The requirements for both the major and the minor (for degrees requiring a minor) are stated in the introductory section describing departmental curricula.

## Pre-Professional Programs

Pre-professional study prepares a student to transfer to another institution for the completion of a professional degree. Because the specific requirements of professional schools vary considerably, students should obtain current catalogues from the schools in which they are interested. A pre-professional advisor at Southeastern Louisiana University will then help each student plan a suitable curriculum.

**PRE-LAW:** Department of History and Political Science, or Department of English, or Department of Sociology and Criminal Justice.

Students should plan to complete a baccalaureate degree before applying for admission to a law school. Major and minor fields may be chosen according to interest. Typical choices are business, criminal justice, economics, English, history, journalism, political science, and sociology.

Recommended courses include accounting, expository writing, ethics, logic, American constitutional law, British constitutional and legal history, business law, judicial politics, philosophy of law, and the American judicial process, criminal law, law and society, and criminology. Consult both Pre-Law and major advisors in planning a program.

**NOTE:** The Law School Admission Test should be taken early in the senior year.

## Center for Southeast Louisiana Studies

The Center for Southeast Louisiana Studies/Archives preserves and promotes the history and the cultures of the Florida Parishes and surrounding environs, including southwestern Mississippi, within state, national and international contexts through scholarly research, lectures, film work, and publishing.

Over seven hundred separate archival collections document regional history with critical holdings on the area's farming, logging, railroading and maritime industries as well as extensive Native American artifact collections. Additional collections highlight the region's colonial development including the West Florida Republic era, antebellum development, Civil War operations, and the struggle for civil rights.

Extensive photographic collections, including the "Piney Woods People" and "Palmetto People" collections, depict turn-of-the-century families and folkways while other collections highlight African American culture and regional environmental concerns. Vintage maps, newspapers, census reports and oral histories complement the study of local and regional history.

The Center serves as headquarters for the Gulf South Historical Association and Southeast Louisiana Historical Association and produces the refereed journal *Southeast Louisiana Review* and annual newsletter *The Centerpiece*. Center staff also write and produce films such as the award winning *American Crisis*, *American Shame: The National Consequences of Coastal Erosion* and a regional history cable television program *The Florida Parish Chronicles*. The Center maintains the Southeastern Louisiana University Archives and Special Collections and provides a closed-stack research library.

The Center hosts rotating and permanent exhibits in its display room and sponsors a variety of informational conferences including, the Plain Folk of the South Symposium, the James H. Morrison Lectures on Politics and Government, the Ford Family Lectures in American history, Teaching the West Florida Republic Conference, and the Southeast Louisiana Historical Associations History Lecture Series.

## Department of English

David Hanson, *Department Head*

The Department of English at Southeastern Louisiana University fosters students' abilities to think analytically and creatively, write clearly and cogently, and integrate critical judgment with imagination in reading texts. The Department's tradition of concern for the individual student sustains a strong sense of intellectual community, diversity and vitality. To round out its commitment to education that is both engaged with the world and personally rewarding, the Department sponsors cultural events, serves external communities, and promotes global awareness. English faculty teach courses in basic composition and literature supporting the University's general education core, and undergraduate and graduate courses in literary studies, composition, creative writing, professional writing, publishing studies, pedagogy, and linguistics. All curricula are designed to provide humanistic education that prepares students for graduate study and develops their practical skills for professions, including education, law, professional writing, and the arts. For graduation, the Department requires a minimum of 120 semester hours properly distributed among the various disciplines of the University.

Candidates for the bachelor's degree in English must earn, at Southeastern, at least half of the semester hours required in the major field.

### Placement in English

Placement of entering freshmen in English courses is based on the English score and the Composite score on the American College Test. (See American College Test in this catalogue.) Students are not permitted to register for English until these scores are on file in the Office of Testing.

The American College Test is not used as an entrance examination. Rather, it is used as a means of determining the degree of preparation in English. The placement procedure, outlined below, ensures (1) that each entering freshman will begin his/her study of English at the highest level for which he/she is prepared at the time he/she enters Southeastern, and (2) that each one who is assigned placement in English will automatically receive credit for the prerequisite course or courses.

- **English 93:** ACT English score of 16-17 (must be taken concurrently with English 101). Credit for English 93 does not count toward graduation.
- **English 101:** ACT English score of 18 or higher.
- **English 102:** ACT English score of 29 or higher. Credit for English 101 with grade "P" upon successful completion of English 102.
- **English 121H and 123H (Honors):** ACT Composite score of 24 or higher or ACT English score of 24 or higher. Credit for English 121H or English 123H in lieu of English 101.
- **English 122H and 124H (Honors):** ACT Composite score of 24 or higher and credit for ENGL 101, 121H, or 123H OR minimum ACT English score of 29 or higher. Credit for English 101 with grade "P" upon successful completion of English 122H or 124H. Credit for English 122H or English 124H in lieu of English 102.
- **English 200-300-level courses:** A minimum combined ACT English and Composite score of 65 **AND** an advanced-standing examination (a composition administered and evaluated by the Department of English). Credit for English 101 and 102 with grade "P" upon successful completion of English 210H, 230, 231, 232, 291H, 292H, 300, 301, 303, 309, 310, 312, 315, 316, 317, 321, 322, 351, 352, 369, 370, 371, 372, 373, 374, 380, 392, 395, or 396.

### Majors

The major in English consists of forty-two approved semester hours.

## Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minors

The Department of English offers minors in English, Creative Writing, Professional Writing, Gender Studies, and an Interdisciplinary Minor in Publishing. These consist of 18 hours each and include the following course requirements:

1. Minor in English  
 Courses from two of the following groups:  
 230/351/352; 231/301/303; 232/395/396; 300; 210H; 291H; 292H; 312/413/414 ..... 6 hours  
 ENGL Electives (300-400)<sup>1</sup> ..... 12 hours

<sup>1</sup>At least six of the twelve hours of English electives must be in literature.

2. Minor in Creative Writing  
 ENGL 371 ..... 3 hours  
 ENGL 372 ..... 3 hours  
 ENGL 482 or 483 ..... 3 hours  
 300/400 level courses<sup>1</sup> ..... 6 hours  
 Elective 300/400 level courses in English or Independent Study ..... 3 hours

<sup>1</sup>Three hours must be in modern or contemporary literature, as approved by the Department Head.

3. Minor in Professional Writing  
 ENGL 322 ..... 3 hours  
 ENGL 448 ..... 3 hours  
 English 492, 493, 494, or 495 ..... 3 hours  
 Document Design<sup>1</sup> Elective ..... 3 hours  
 International Perspectives<sup>1</sup> Elective ..... 3 hours  
 Discourse of the Professions<sup>1</sup> Elective ..... 3 hours

<sup>1</sup>Cross-disciplinary electives are subject to approval by the Professional Writing coordinator. See English Department for a list of approved classes.

4. Minor in Gender Studies  
 ENGL 429 ..... 3 hours  
 HIST 468 or 469 ..... 3 hours  
 SOC 215, 222, or 354 ..... 3 hours  
 COMM 475 ..... 3 hours  
 Electives<sup>1</sup> ..... 6 hours

<sup>1</sup>Subject to the approval of the Department of English, independent study or special topic course from any department may be used in this minor if a substantial amount of the course or of the student's research focuses on gender issues.

5. Interdisciplinary Minor in Publishing  
 ENGL 309 ..... 3 hours  
 One course each from the following core areas of publishing:  
 Writing: English 321, 322, or 447; Communication 151 or 430 ..... 3 hours  
 Editing: English 492 or Communication 341 ..... 3 hours  
 Visual Culture: English 449 or 486; or Communication 376; or CMPS 333 ..... 3 hours  
 Print Publishing: English 493; or Communication 321; or Visual Arts 361 ..... 3 hours  
 Online Publishing: English 494; Communication 417 or 419; or Visual Arts 459 ..... 3 hours  
 Elective<sup>1</sup> ..... 3 hours

<sup>1</sup>To be decided from any of the above courses not already fulfilling a component requirement or from an internship course in the student's major to serve as a publishing internship (English 495; Communication 459; Visual Arts 466; or Computer Science 400.)

### Curriculum in English Leading to the Degree of Bachelor of Arts Literature and Language Concentration

<b>First Year</b>	
<b>FIRST SEMESTER</b> <sup>1</sup> English 101 or 121H or 123H <sup>G</sup> ..... 3 Mathematics 105 or 151/161 <sup>G</sup> ..... 3 Foreign Language 101 <sup>1</sup> ..... 3 Library Science 102..... 1 Art 105 or 106 <sup>G</sup> ..... 3 Southeastern 101..... 2	<b>SECOND SEMESTER</b> S.H. <sup>1</sup> English 102 or 122H or 124H <sup>G</sup> ..... 3 Mathematics 162, 163, 165, 185, or 241 <sup>G</sup> ..... 3 Foreign Language 102 <sup>1</sup> ..... 3 Music 151..... 3 Elective <sup>9</sup> ..... 3
15	15
<b>Second Year</b>	
<sup>##</sup> English 300 <sup>G</sup> ..... 3 Foreign Language 201 <sup>1</sup> ..... 3 History 101 or 101H <sup>G</sup> ..... 3 Biological Science <sup>2,G</sup> ..... 3 Theatre 131..... 3	<sup>##</sup> English 301 or 303..... 3 <sup>##</sup> English Elective: Area <sup>3</sup> ..... 3 Foreign Language 202 <sup>1</sup> ..... 3 History 102 or 102H..... 3 Biological or Physical Science <sup>2,G</sup> ..... 3
15	15
<b>Third Year</b>	
<sup>##</sup> English Elective: World <sup>4</sup> ..... 3 <sup>##</sup> English 395 or 396..... 3 History Elective..... 3 Physical Science <sup>2,G</sup> ..... 3 Political Science 201 or 202 <sup>G</sup> ..... 3	<sup>##</sup> English Elective: Period <sup>5</sup> ..... 3 <sup>##</sup> English 435 or 436..... 3 Social Science Elective <sup>10,G</sup> ..... 3 Philosophy Elective..... 3 Communication 211 <sup>G</sup> ..... 3
15	15
<b>Fourth Year</b>	
<sup>##</sup> English Elective: Major Author <sup>6</sup> ..... 3 <sup>##</sup> English Elective: Language/Writing <sup>9</sup> ..... 3 Electives <sup>7</sup> ..... 9	<sup>##</sup> English Electives..... 6 <sup>##</sup> English Elective: Major Topic <sup>8</sup> ..... 3 Electives <sup>9</sup> ..... 6
15	15
<b>Total semester hours required</b>	<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>1</sup>Major course.

<sup>##</sup>Major course. Requires a grade of "C" or better in all courses in the major at the 300- and 400- level. Students are expected to take at least 6 hours in early literatures from the following courses: ENGL 301, 351, 435, 436, 455, 456, 457, 471, 472.

<sup>1</sup>Students must complete 12 hours of a single foreign language.

<sup>2</sup>Students must complete a minimum of 6 hours in a two-semester sequence of a biological science plus a physical science or a two-semester sequence of a physical science plus a biological science. See the General Education Requirements in the Admissions Criteria and Academic Regulations chapter of this catalogue for the approved sequenced courses.

<sup>3</sup>Three hours must be selected from the following courses: ENGL 309, 310, 316, 317, 369, 370, 373, 374, 392.

<sup>4</sup>Three hours must be selected from the following courses: ENGL 351, 352, 487.

<sup>5</sup>Three hours must be selected from the following courses: ENGL 430, 437, 455, 456, 457, 459, 488, 489, 490.

<sup>6</sup>Three hours must be selected from the following courses: ENGL 435, 436, 458, 471, 472, 487, 491.

<sup>7</sup>Three hours must be selected from the following courses: ENGL 312, 321, 322, 371, 372, 380, 413, 414, 447, 448, 467, 476, 477, 482, 483, 484, 485, 486, 492.

<sup>8</sup>Three hours must be selected from the following courses: ENGL 426, 428, 429, 438, 439, 449, 465, 475, 493, 494.

<sup>9</sup>At least three hours must be at the 400-level.

<sup>10</sup>Students may elect a course in Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, or Sociology.

**Curriculum in English  
Leading to the Degree of Bachelor of Arts  
Creative Writing Concentration**

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
†English 101 or 121H or 123H <sup>G</sup> .....	3	†English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 162, 163, 165, 185, or 241 <sup>G</sup> .....	3
Foreign Language 101 <sup>1</sup> .....	3	Foreign Language 102 <sup>1</sup> .....	3
Library Science 102 .....	1	Music 151 .....	3
Art 105 or 106 <sup>G</sup> .....	3	Elective <sup>4</sup> .....	3
Southeastern 101 .....	2		
	<hr style="width: 50%; margin: 0 auto;"/> 15		<hr style="width: 50%; margin: 0 auto;"/> 15
<b>Second Year</b>			
††English 300 <sup>G</sup> .....	3	††English 301 .....	3
Foreign Language 201 <sup>1</sup> .....	3	††Concentration Elective <sup>5</sup> .....	3
History 101 or 101H <sup>G</sup> .....	3	Foreign Language 202 <sup>1</sup> .....	3
Biological Science <sup>2,G</sup> .....	3	History 102 or 102H .....	3
Theatre 131 .....	3	Biological or Physical Science <sup>2,G</sup> .....	3
	<hr style="width: 50%; margin: 0 auto;"/> 15		<hr style="width: 50%; margin: 0 auto;"/> 15
<b>Third Year</b>			
††English 351 or 352 .....	3	Political Science 201 or 202 <sup>G</sup> .....	3
††Concentration Elective <sup>5</sup> .....	3	††English 435 or 436 .....	3
History Elective .....	3	††Concentration Elective <sup>5</sup> .....	3
Physical Science <sup>2,G</sup> .....	3	Philosophy Elective .....	3
††English 303 .....	3	Communication 211 <sup>G</sup> .....	3
	<hr style="width: 50%; margin: 0 auto;"/> 15		<hr style="width: 50%; margin: 0 auto;"/> 15
<b>Fourth Year</b>			
††English 395 .....	3	††English Elective .....	3
††Concentration Elective <sup>5</sup> .....	3	††English 396 .....	3
Electives <sup>4</sup> .....	6	Electives <sup>4</sup> .....	9
Social Science Elective <sup>3,G</sup> .....	3		
	<hr style="width: 50%; margin: 0 auto;"/> 15		<hr style="width: 50%; margin: 0 auto;"/> 15
<b>Total semester hours required</b>			<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>1</sup>Major course.

<sup>††</sup>Major course. Requires a grade of "C" or better in all courses in the major at the 300- and 400- level.

<sup>1</sup>Students must complete 12 hours of a single foreign language.

<sup>2</sup>Students must complete a minimum of 6 hours in a two-semester sequence of a biological science plus a physical science or a two-semester sequence of a physical science plus a biological science. See the General Education Requirements in the Admissions Criteria and Academic Regulations chapter of this catalogue for the approved sequenced courses.

<sup>3</sup>Students may elect a course in Anthropology, Economics, Criminal Justice, Geography, Political Science, Psychology, or Sociology.

<sup>4</sup>At least 3 hours of general electives must be 400-level courses.

<sup>5</sup>12 hours to be chosen from the following: ENGL 370, 371, 372, 380, 482, 483, 484.



## Department of History and Political Science

William Robison, *Department Head*

### Major in History

Thirty-six (36) semester hours are required for a major in History. At least twenty-four (24) of these hours must be in 300- or 400-level courses in History for the History concentration or in History and CRMP Specialization courses for the Cultural Resource Management Concentration.

### Major in Political Science

Thirty-six (36) semester hours are required for a major in Political Science. At least twenty-seven (27) of these hours must be in 300- or 400-level courses.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minors

- I. Minor in History  
Eighteen (18) hours are required for a minor in History, with at least 6 hours in 300- or 400-level courses.
- II. Minor in Political Science  
Eighteen (18) hours are required for a minor in Political Science, with at least 6 hours in 300- or 400-level courses.
- III. Minor in Philosophy  
Eighteen (18) hours are required for a minor in Philosophy, with at least 12 hours in 300-level and 6 hours in 400-level courses.
- IV. Minor in International Studies  
Eighteen (18) hours are required for a minor in International Studies, with 6 hours in a single foreign language at the 200-level or above and 12 hours as follows:
 

CJ 411; COMM 410, 458; GEOG 141, 142, 301, or 410 .....	3 hours
ENGL 352, 487; FREN 314; GERM 314; ITAL 381; SPAN 314 or 324 .....	3 hours
HIST 434, 440, 445, 446, 447, 448, 454, or 468.....	3 hours
POLI 420, 422, 424, 425, 426, 428, or 444 .....	3 hours
- V. Minor in African Ethnic Studies  
Eighteen (18) hours are required for a minor in African American Ethnic Studies as follows:
 

COMM 410 .....	3 hours
ENGL 310 and 428.....	6 hours
HIST 489 .....	3 hours
POLI 407 .....	3 hours
SOC 411.....	3 hours

<sup>1</sup>Cultural Resources Management majors must take a 6-hour sequence in HIST 101/101H and 102/102H or HIST 201/201H and 202/202H.

<sup>2</sup>The student's individual project in the class must have an African-American emphasis.

### General Requirements for Courses

All 100 and 200-level History and Political Science courses require the use of department approved rental texts, on which students must be tested. All 300 and 400/500 level History, Political Science,

and Philosophy courses require essay exams; term papers and/or book reviews; and book discussions and/or oral presentations by students.

**Curriculum in History  
Leading to the Degree of Bachelor of Arts  
History Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††History 101 or 107 <sup>G</sup> .....	3	††History 102 or 108.....	3
Art 105, Music 151 or Theatre 131 <sup>G</sup> .....	3	Art 106, Music 151, or Theatre 131.....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics or Philosophy 201 <sup>G</sup> .....	3
Library Science 102 .....	1	Geography 103 <sup>G</sup> .....	3
Southeastern 101 .....	2		
	15		15

**Second Year**

††History 201 or 201H .....	3	††History 202 or 202H .....	3
Political Science 201 <sup>G</sup> .....	3	Political Science 202 .....	3
English 230, 231, 232 <sup>G</sup> .....	3	English 230, 231 232 .....	3
Foreign Language <sup>1</sup> .....	3	Foreign Language <sup>1</sup> .....	3
Communication 211 <sup>G</sup> .....	3	Natural Science <sup>2,G</sup> .....	3
	15		15

**Third Year**

††American History 400-level Elective <sup>3</sup> .....	3	††History 400-level British/European <sup>5</sup> .....	3
††Asian/Latin/Other 400-level Hist Elective <sup>4</sup> ...	3	††History 300/400-level Elective .....	3
Philosophy 301, 302, 310, 313, or 314 .....	3	Foreign Language <sup>1</sup> .....	3
Foreign Language <sup>1</sup> .....	3	Philosophy 315, 320, 321, 416, or 417 .....	3
Natural Science <sup>2,G</sup> .....	3	Natural Science <sup>2,G</sup> .....	3
	15		15

**Fourth Year**

Geography 300 or 400 level Elective .....	3	††History 497.....	3
††History 400 level Elective .....	3	††History 400-level Elective .....	3
††History <sup>6</sup> .....	3	Political Science 400-level Elective.....	3
Elective <sup>7</sup> .....	3	Elective <sup>7</sup> .....	3
Elective <sup>7</sup> .....	3	Elective <sup>7</sup> .....	3
	15		15

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major course requiring a grade of "C" or better.

<sup>1</sup>Twelve (12) semester hours in one foreign language (taken sequentially) are required.

<sup>2</sup>Both Biological and Physical Sciences, with six hours in a two-semester sequence.

<sup>3</sup>History 473, 474, 475, 476, 477, 478, 479, 480, 482, 485, 487, 492, 493, 495, 496.

<sup>4</sup>History 444, 445, 446, 447, 448, 449, 454, 468, 469, 489.

<sup>5</sup>History 409, 410, 416, 418, 419, 423, 424, 429, 433, 434, 437, 438, 439, 440.

<sup>6</sup>Majors will acquire Experiential Learning experience by participating in an internship or Study Abroad or writing and presenting an Honors Senior Thesis or independent research project.

<sup>7</sup>Majors planning to attend graduate or law school are encouraged to consider a Minor in English, Foreign Language, Geography, Philosophy, or Political Science.

**Curriculum in History**  
**Leading To the Degree of Bachelor of Arts**  
**Cultural Resource Management/Public History Concentration**

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
History 101 or 101H <sup>G</sup> .....	3	††History 102 or 102H .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Art 105 <sup>G</sup> .....	3	Art 106 or Theatre 131 <sup>1</sup> .....	3
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Library Science 102 .....	1	Social Science Elective <sup>2,G</sup> .....	3
Southeastern 101 .....	2		
	<hr style="width: 50%; margin: 0 auto;"/>		
	15		15
<b>Second Year</b>			
††History 201 or 201H .....	3	††History 202 or 202H .....	3
Social Science Elective <sup>2,G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
English 230, 231, 232 <sup>G</sup> .....	3	English 230, 231, 232 .....	3
Computer Science 233 .....	3	Accounting 200 .....	3
Natural Science <sup>3,G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
	<hr style="width: 50%; margin: 0 auto;"/>		
	15		15
<b>Third Year</b>			
††History 300 or 400-level Elective <sup>1</sup> .....	3	††History 400-level Elective <sup>1</sup> .....	3
††CRMP Elective <sup>1</sup> .....	3	††CRMP Elective <sup>1</sup> .....	3
English 322 .....	3	Management 351 .....	3
Natural Science <sup>3,G</sup> .....	3	Marketing 303 .....	3
Foreign Language <sup>4</sup> .....	3	Foreign Language <sup>4</sup> .....	3
	<hr style="width: 50%; margin: 0 auto;"/>		
	15		15
<b>Summer</b>			
††CRMP 491 <sup>5</sup> .....	3	††CRMP 492 <sup>5</sup> .....	3
<b>Fourth year</b>			
††History 488 <sup>5</sup> .....	3	††History 497 <sup>5</sup> .....	3
††History 400-level Elective <sup>1</sup> .....	3	††History 400-level Elective <sup>1</sup> .....	3
††CRMP 411 or 431 <sup>1</sup> .....	3	††CRMP Elective <sup>1</sup> .....	3
Foreign Language <sup>4</sup> .....	3	Foreign Language <sup>4</sup> .....	3
	<hr style="width: 50%; margin: 0 auto;"/>		
	12		12
<b>Total semester hours required</b>			<b>120</b>

Southeastern101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major course requiring a grade of "C" or better.

<sup>1</sup>Students must complete 18 hours (including the 9 hours of CRMP Electives) in one of the following specializations.

Anthropology: CRMP 411; Anthropology 101 and 301; 9 additional hours of Anthropology.

Fine Arts: CRMP 431; Art 105 and 106; 9 hours from Art 340, 344, 345, 346, 347, 348.

Public History: CRMP 411; Geography 103; Political Science 201; 9 hours from History 463, 466, 467, 483, 484.

<sup>2</sup>To be taken from Anthropology, Criminal Justice, Economics, Geography, Political Science, and Sociology.

<sup>3</sup>To include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>To include 12 semester hours in one foreign language taken sequentially.

<sup>5</sup>Field experience assignments for CRMP 491 and 492 and research topics for History 488 and 497 will be tailored to the student's area of specialization.

**Curriculum in Political Science  
Leading to the Degree of Bachelor of Arts**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Political Science 201 <sup>G</sup>	3	††Political Science 202	3
History 101 or 107 <sup>S</sup>	3	History 102 or 108	3
English 101 or 121H or 123H <sup>G</sup>	3	English 102 or 122H or 124H <sup>G</sup>	3
Mathematics 105 or 151/161 <sup>G</sup>	3	Mathematics or Philosophy 201 <sup>G</sup>	3
Library Science 102	1	Social Science <sup>1,G</sup>	3
Southeastern 101	2		
	<hr/>		<hr/>
	15		15

**Second Year**

Communication 211 <sup>G</sup>	3	Natural Science <sup>3,G</sup>	3
History 201 or 201H	3	History 202 or 202H	3
Art 105, Music 151, or Theatre 131 <sup>G</sup>	3	Art 106, Music 151, or Theatre 131	3
English 230, 231 232 <sup>G</sup>	3	English 230, 231 232	3
Foreign Language <sup>2</sup>	3	Foreign Language <sup>2</sup>	3
	<hr/>		<hr/>
	15		15

**Third Year**

††Political Science 401, 403, 407, 432, 434....	3	††Political Science 420, 422, 424, 425, 426, 428.	3
††Political Science 437, 438, 440, 442, 444, 446	3	††Political Science 450, 451, or 452	3
††Political Science 300	3	Philosophy 300/400 Level	3
Foreign Language <sup>2</sup>	3	Foreign Language <sup>2</sup>	3
Natural Science <sup>3,G</sup>	3	Natural Science <sup>3,G</sup>	3
	<hr/>		<hr/>
	15		15

**Fourth Year**

††Political Science <sup>4</sup>	3	††Political Science 490	3
††Political Science 400 Elective	3	††Political Science 400-level Elective	3
††Political Science 400 Elective	3	History 321, 479, 480, 482, 489, or 493	3
Social Science <sup>1,G</sup>	3	Elective <sup>5</sup>	3
Elective <sup>5</sup>	3	Elective <sup>5</sup>	3
	<hr/>		<hr/>
	15		15

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

Students with an ACT Math score of 20 or lower will take Math 151 in place of Math 161.

<sup>G</sup>General Education Courses

††Major course requiring a grade of "C" or better.

<sup>1</sup>Twelve (12) semester hours in one foreign language (taken sequentially) are required

<sup>2</sup>To include both Physical and Biological Sciences, at least six hours of which must be in a two semester sequence.

<sup>3</sup>To be chosen from Anthropology, Criminal Justice, Economics Geography, Psychology, Sociology.

<sup>4</sup>Majors will acquire an Experiential Learning experience by participating in an internship, a political poll, or Study Abroad, or by writing and presenting an Honors Senior thesis or independent research project.

<sup>5</sup>Majors planning to attend graduate or law school are encouraged to consider a Minor in Communication, Criminal Justice, English, Foreign Language, History, Geography, Philosophy, Psychology, or Sociology.

## Department of Languages and Communication

Lucia Harrison, *Department Head*

### Foreign Languages and Literatures

The Department of Languages and Communication offers work in the fields of French, German, Italian, Latin, Mythology and Spanish. With the exception of Mythology, courses in these languages may be used to satisfy the language requirements of the curricula in the College of Arts, Humanities, and Social Sciences and to offer a major and/or minor in these fields in the College of Arts, Humanities, and Social Sciences and the College of Education. The curriculum leading to a major and/or minor in foreign languages is designed to meet the needs of students who wish to pursue further graduate training, who seek a variety of positions in which the knowledge of a foreign language is required and/or desirable, who wish to teach at the elementary and/or secondary school levels, and who, it is hoped, simply desire to acquire the knowledge of the language and of the cultural heritage of another country.

### Entrance into Foreign Language Courses

Students who have taken two or more years of foreign language in high school or have grown up speaking a language other than English may seek entrance into foreign language courses numbered 102, 201, 202, and advanced level (300 and above) by receiving a passing grade on the appropriate departmental entrance test. These tests are offered at designated times during registration periods. Tests at each level in each language may be taken only once by a given student. Entrance tests are not credit exams and carry absolutely no academic credit. A student who is permitted to enter a course above the 101 level on the basis of entrance testing may receive a grade of "P" in the course(s) he or she is permitted to skip over, if and when the student receives a passing grade in the course into which entrance has been permitted.

### Majors

For a major in a foreign language, the requirement is thirty (30) semester hours in advanced courses (300 and above) in one language. Students enrolled in FLAN courses will study the language in which they are pursuing their degree.

All foreign language majors are encouraged to do study abroad in a country where the foreign language they are majoring in is spoken. A minimum of six (6) credit hours out of the thirty (30) hours should be obtained through study abroad. Foreign language majors are, therefore, urged to do a minimum of one summer study abroad program. To gain desired fluency, they are encouraged to spend a semester or a year abroad. Course approval for study abroad programs other than Southeastern programs must be obtained from the Department Head before departure.

All students are required to choose from the following courses: Spanish 310, 311, 312 or 330, 319, 320, 423, 314 or 324; 325 or 326, 498, and FLAN 404.

### Minors

A student who majors in Spanish is required to have a minor. Successful completion of a double degree or double major in another area will also fulfill this degree requirement. Students wishing to minor in foreign languages (French, German, Italian, Latin, or Spanish) are required to complete a total of twenty-one (21) semester hours, nine (9) of which must be at the 300-level or above.

In addition to a minor in French, Italian, German, Latin, or Spanish, the Department of Languages and Communication administers three interdisciplinary minors: Francophone and Creole Ethnic Studies, Hispanic Ethnic Studies and Native American Studies. These minors consist of eighteen (18) hours each and include the following course requirements.

## 1. Minor in Francophone and Creole Ethnic Studies:

**Required Courses:**

FREN 201: Intermediate French I  
 FREN 202: Intermediate French II  
 FREN 324: Francophone Civilization and Culture

**Nine additional hours must be chosen from the following:**

FREN 326: Francophone Literature  
 FREN 314: French Culture and Civilization  
 GEOG 432: World Regional Geography II  
 HIST 321: History of Louisiana  
 HIST 448: The Caribbean Area  
 HIST 488: Oral History Techniques

[Alternates for these courses must be approved by the Department Head]

## 2. Minor in Hispanic Ethnic Studies

**Required Courses:**

SPAN 201: Intermediate Spanish I  
 SPAN 202: Intermediate Spanish II  
 SPAN 314: Hispanic Civilization or  
 SPAN 324: Latin American Culture and Civilization

**Nine additional hours must be chosen from the following:**

ANTH 405: North American Indian  
 GEOG 432: World Regional Geography II  
 HIST 446: History of Latin America to 1820  
 HIST 447: History of Latin America since 1820  
 HIST 449: History of Mexico  
 HIST 321: History of Louisiana  
 HIST 488: Oral History Techniques

MYTH 204: Mesoamerican Mythology  
 MYTH 205: South American Mythology

SOC 411: Race and Ethnic Relations  
 SPAN 423: Special Topics (when content is appropriate)

[Alternates for these courses must be approved by the Department Head]

## 3. Native American Studies

**Required Courses:**

ANTH 405: Indigenous Peoples of the Americas  
 ENGL 392: Studies in Native American Literature  
 MYTH 204: Mesoamerican Mythology or MYTH 205: South American Mythology

**Nine additional hours must be chosen from the following:**

ANTH 101: Cultural Anthropology  
 ANTH 301: Exploring Archaeology  
 AHTH 403: Archaeological Studies  
 CRMP 431: Arts Administration of Non-Profit Organizations  
 CRMP 491: Field Training

GEOG 401: Historical Geography of the United States  
 GEOG 410: Cultural Geography

HIST 478: The American Frontier  
 HIST 488: Oral History Techniques  
 SOC 411: Race and Ethnic Relations

SPAN 324: Latin American Civilization

[Alternates for these courses must be approved by the Department Head]

## Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

## Foreign Study Opportunities

The Department of Languages and Communication maintains ties with institutions of higher education in many countries. Summer course work through Southeastern Louisiana University is offered regularly in a variety of international locations.

### Foreign Language Resource Center (FLRC)

The Foreign Language Resource Center, a state-of-the-art digital facility located in D Vickers Hall, provides an inviting environment for the study of foreign languages. Housed in the FLRC are 35 new computers with Internet access and the Microsoft Office package, which can stand alone for individual work and/or be controlled by a teacher console. Students and faculty working in the FLRC can also take advantage of satellite programming in French, Italian and Spanish; a growing collection of VHS and DVD movies and documentaries; all materials that accompany current textbooks; and supplementary instructional materials on CD-ROM. Staff members are available to assist both students and faculty as needed.

#### Curriculum in Spanish Leading to the Degree of Bachelor of Arts

##### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Spanish 101, 102, 201 or 202 .....	3	††Spanish 102, 201 or 202 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 162, 163, 165, 185, or 241 <sup>G</sup> .....	3
Thea 131, Mus 151, Art 105 or 106, or Dnc 100 <sup>G</sup> 3	3	History 102 or 102H, or 108 .....	3
History 101 or 101H, or 107 <sup>G</sup> .....	3	Library Science 102 .....	1
Southeastern 101 .....	2	Thea 131, Mus 151, Art 105 or 106, or Dnc 100.3	3
	17		16

##### Second Year

††Spanish 201 or 202 .....	3	††Spanish 202 .....	3
Social Science Elective <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
English 230, 231 or 232 <sup>G</sup> .....	3	English 230, 231 or 232 .....	3
Biological Science <sup>1,G</sup> .....	3	Thea 131, Mus 151, Art 105 or 106, or Dnc 100.3	3
Minor Field .....	3	Minor Field .....	3
	15		15

##### Third Year

††FLAN 404 .....	3	††Spanish 310 .....	3
††Spanish 311 .....	3	††Spanish 312 or 330 .....	3
Physical Science <sup>1,G</sup> .....	3	††Spanish 320 .....	3
Minor Field .....	3	Biological/Physical Science <sup>1,G</sup> .....	3
††Spanish 314 or 324 .....	3	Minor Field .....	3
	15		15

##### Fourth Year

††Spanish 319 .....	3	††Spanish 423, and 329 or 370, FLAN 401, 402 .....	6
††Spanish 325 or 326 .....	3	Minor Field/Humanities Electives .....	3
Minor Field .....	6	Elective .....	2
Social Science Electives <sup>G</sup> .....	3	Spanish 498 .....	1
	15		12

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>Major course; grade of "C" or better required.

<sup>†</sup>Students must complete a minimum of 6 hours in a two-semester sequence of a biological science plus a physical science or a two-semester sequence of a physical science plus a biological science.

**Curriculum in Spanish  
Leading to the Degree of Bachelor of Arts  
Spanish Education Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Spanish 101, 102, 201 or 202 .....	3	<sup>††</sup> Spanish 102, 201 or 202 .....	3
Biological/Physical Science <sup>1,G</sup> .....	3	Biological/Physical Science <sup>1,G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	<sup>††</sup> English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Communication 210 <sup>G</sup> .....	3
Thea 131, Mus 151, Art 105 or 106, or Dnc 100 <sup>G,3</sup>	3	Mathematics or Philosophy 201 <sup>G</sup> .....	3
Southeastern 101 .....	2		
	17		15

**Second Year**

<sup>††</sup> Spanish 201 or 202 .....	3	<sup>††</sup> Spanish 202 .....	3
History Elective <sup>G</sup> .....	3	<sup>††</sup> Spanish 314 or 324 .....	3
English 230, 231 or 232 <sup>G</sup> .....	3	<sup>††</sup> Spanish 370 or 329 .....	3
<sup>†</sup> Education 202 .....	3	Psychology 101 <sup>G</sup> .....	3
<sup>†</sup> Special Education 200 .....	3	Biological/Physical Science <sup>1,G</sup> .....	3
	15		15

**Third Year**

<sup>††</sup> Spanish 310 .....	3	<sup>††</sup> Spanish 319 .....	3
<sup>††</sup> Spanish 311 .....	3	<sup>††</sup> Spanish 320 .....	3
Social Science Elective <sup>G</sup> .....	3	<sup>††</sup> Spanish 312 or 330 .....	3
<sup>†</sup> Education 316 .....	3	<sup>††</sup> Foreign Language 404 .....	3
<sup>†</sup> Education 407 .....	3	<sup>††</sup> Spanish 423 .....	3
	15	<sup>†</sup> Education 472 .....	3
			18

**Fourth Year**

<sup>††</sup> Spanish 325 or 326 .....	3	Education 486 .....	9
<sup>††</sup> Foreign Language 401 .....	3	<sup>††</sup> Spanish 498 .....	1
<sup>†</sup> Education 485 .....	3		
<sup>†</sup> Education 453 .....	6		
	15		10

**Total semester hours required** **120**

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>†</sup>Requires a grade of "C" or better.

<sup>††</sup>Requires a grade of "B" or better.

<sup>††</sup>Major course; grade of "C" or better required.

<sup>1</sup>Students must complete a minimum of 6 hours in a two-semester sequence of a biological science plus a physical science (excluding Chemistry 107) or a two-semester sequence of a physical science (excluding Chemistry 107) plus a biological science.



## Certification Requirements

A minimum of twelve (12) of the thirty (30) hours required at the 300/400 level must be fulfilled by a semester residence in a university abroad or by two summers of intensive immersion study on a Louisiana university campus, an out-of-state university campus, or abroad. Study abroad is highly recommended in order to be proficient in the foreign language. Foreign Language Majors must also take the ACTFL Proficiency Exam before student teaching. The minimum score required is "Advanced Low."

## Communication

The baccalaureate degree in Communication is designed to develop student competencies in oral, written, and visual communication by providing opportunities for focused study and research in broadcasting, speech communication, interpersonal communication, multi-platform journalism, public relations, and/or organizational communication. Acquisition of communication skills will facilitate participation in the economy, development, and culture of southeast Louisiana and beyond.

Students who complete Southeastern's BA in Communication will:

1. Be able to write well in multiple forms of media.
2. Be able to understand and apply basic critical thinking, data gathering, and academic research with a goal in mind of supporting a position within a communication theory.
3. Understand the basics of oral communication including organization, individual, and group communication, audience principles, listening, and performance.
4. Be able to apply the tools, technologies, and practices appropriate to the students' fields of study.
5. Understand the rules of journalism, 1<sup>st</sup> Amendment principles, ethics, and the general laws applicable to the students' fields of study.
6. Demonstrate job preparedness and specific background training for such professions as law, journalism, government service, and teaching.

## Major

Students wishing to major in Communication must complete 23 hours of core requirements and 21 hours of Communication electives. Students must devote their Communication electives to a minimum of 6-9 hours in each of the categories of writing/oral communication, production and culture, Fifteen (15) hours of communication electives must be at the 300- or 400-level. The major in communication leads to the degree of Bachelor of Arts. Core Requirements:

COMM 101 .....	1 hour
COMM 102 .....	1 hour
COMM 151 .....	3 hours
COMM 159 .....	3 hours
COMM 211 .....	3 hours
COMM 215 .....	3 hours
COMM 391 .....	3 hours
COMM 453 .....	3 hours
COMM 498 .....	3 hours
Total .....	23 hours

## Communication Electives

Writing/Oral Communication (Courses focusing on the generation of content – information gathering, reporting, researching, and writing 6-9 hours required): Communication 213, 316, 321, 340, 344, 354, 359, 363, 408, 411, 413, 463, 465, 495.

Production (Courses focusing on the display of communication – design, display, editing, packaging, and production, 6-9 hours required): Communication 256, 257, 260, 341, 357, 376, 417, 430, 449, 460, 466.

Culture (Courses focusing on cultural issues in professional communication – critical, social, theoretical and qualitative values, 6-9 hours required): Communication 270, 364, 369, 371, 378, 418, 433, 451, 456, 458, 461, 467, 471, 475, 485, 493.

### Special Recommendations for Communication Majors

Communication is so very diverse in general that it affects all human activity, and Communication majors find that their studies prepare them for a wide range of endeavors. The best approach to gaining a general understanding of this field is to emphasize a broad range of skills and principles. However, in preparing for a specific vocation in this field, change is rapid, and Communication majors must pay close attention to techniques and styles associated with professional approaches. For those students who have a special interest in any of the focus areas below, they should give careful consideration to fulfilling their communication major electives with the courses listed.

Film/Video: Writing/Oral – COMM 340, 354, 363. Production – COMM 256, 257, 260, 417, 430, 449, 460. Culture – COMM 369, 456, 461, 493.

Health Communication: Writing/Oral – COMM 316, 411, 413, 463, 465, 495. Production – COMM 376, 417, 466. Culture – COMM 371, 378, 418, 433, 458, 461, 471, 475, 485.

Journalism/Magazines: Writing/Oral – COMM 321, 344, 495. Production – COMM 341, 376, 430. Culture – COMM 451, 456, 461, 493.

\*Journalism/Newspapers: Writing/Oral – COMM 321, 340, 344, 495. Production – COMM 341, 376, 417, 430. Culture – COMM 451, 456, 458, 461.

Organizational Communication: Writing/Oral – COMM 316, 413. Production – COMM 376, 417. Culture – COMM 418, 433, 471, 475.

On-line Media: Writing/Oral – COMM 321, 340, 344, 495. Production – COMM 341, 376, 417, 430. Culture – COMM 451, 456, 458, 461.

Public Relations: Writing/Oral – COMM 411, 413, 463, 465, 495. Production – COMM 376, 417, 466. Culture – COMM 270, 364, 458, 467.

Radio: Writing/Oral – COMM 340, 354, 359, 495. Production – COMM 256, 417, 430, 460. Culture – COMM 451, 456, 461, 493.

\*Speech and Rhetoric: Writing/Oral – COMM 213, 411, 413. Production – COMM 256, 376, 460. Culture – COMM 371, 378, 418, 433, 475.

Television/Video: Writing/Oral – COMM 340, 354, 363, 408. Production – COMM 257, 260, 357, 417, 430, 460. Culture – COMM 369, 456, 461, 493.

**\*Note:** One of these two areas is recommended to students interested in pursuing alternative certification to teach communication at the high school level.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

## Minors

Students who wish to complete a minor will complete 18 hours of communication courses, including COMM 211.

### Curriculum in Communication Leading to the Degree of Bachelor of Arts

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Communication 101 .....	1	††Communication 102 .....	1
Natural Science <sup>1,G</sup> .....	3	††Communication 151 .....	3
Foreign Language 101 <sup>2</sup> .....	3	Foreign Language 102 <sup>2</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
History 101 or 107 or 201 or 101H or 201H <sup>3,G</sup> .....	3	History 102 or 108 or 202 or 102H or 202H <sup>3</sup> .....	3
Southeastern 101 .....	2	Library Science 102 .....	1
		Kinesiology Lab .....	1
	15		15

#### Second Year

††Communication 159 .....	3	††Communication Elective .....	3
††Communication 211 .....	3	††Communication 215 .....	3
English 230, 231 or 232 <sup>G</sup> .....	3	English 230, 231, or 232 .....	3
Foreign Language 201 <sup>2</sup> .....	3	Foreign Language 202 <sup>2</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
	15		15

#### Third Year

††Communication Elective .....	3	††Communication 391 .....	3
††Communication Elective .....	3	††Communication Elective .....	3
Social Science Elective <sup>G</sup> .....	3	††Communication Elective .....	3
Humanities Elective <sup>4</sup> .....	3	Social Science Elective <sup>G</sup> .....	3
Elective .....	3	Thea 131, Mus 151, Art 105 or 106, or Dnc 100 <sup>G</sup> .....	3
	15		15

#### Fourth Year

††Communication 453 .....	3	††Communication 498 .....	3
††Communication Elective .....	3	††Communication Elective .....	3
Biological Science <sup>1,G</sup> .....	3	Biological/Physical Science <sup>1,G</sup> .....	3
Thea 131, Mus 151, Art 105 or 106, or Dnc 100 .....	3	Thea 131, Mus 151, Art 105 or 106, or Dnc 100 .....	3
Elective .....	3	Elective .....	3
	15		15

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major course; Grade of "C" or better required.

<sup>1</sup>Students must complete a minimum of 6 hours in a two-semester sequence of biological science plus a physical science or a two-semester sequence of a physical science plus a biological science. Students must complete one of the natural science two-semester sequences listed in the Admissions Criteria and Academic Regulations section of this catalogue.

<sup>2</sup>Twelve semester hours in one foreign language are required.

<sup>3</sup>Students must take HIST 101-102, 107-108, or 201-202.

<sup>4</sup>Selected from Foreign Language, History, Literature (English or Foreign Language), or Philosophy. (Sophomore level or above.) The following English courses will not fulfill this requirement: 312, 321, 322, 371, 372, 373, 380, 413, 414, 447, 448, 467, 482, 483, 485, and 486.

## Department of Music and Performing Arts

Jeffrey Wright, *Department Head*

### Bachelor of Music Degree

The Bachelor of Music degree is a professional degree for students desiring to specialize in music. The course of study may be taken in preparation for a career in performance, music education composition, private applied studio instruction, church music or as background leading to graduate study. Students entering this program should possess exceptional talent, the potential to develop high-level musicianship, artistic sensibilities, and a strong sense of commitment. Only students who are prepared to make a disciplined effort that must become a way of life beyond the degree years should enter the program. An audition in the student's primary performance medium (trumpet, piano, voice, etc.) is required for admission to the B.M. degree program.

#### Music Education

The Bachelor of Music with a Concentration in Vocal Music Education, and the Bachelor of Music with a Concentration in Instrumental Music Education degree meet state teacher certification requirements for grades K-12. The degree is designed for students preparing to become professional music educators.

#### Recitals and Concerts

Attendance at recitals, concerts, and music theatre productions is required for all music majors. Each student is required to accommodate attendance expectations when formulating their academic and personal schedule.

#### Ensemble Experience Requirements

Students in the Bachelor of Music or the Master of Music curriculum will be required to study at least one instrument in their primary performing medium and enroll in the appropriate applied instrument course throughout their program of study, except in the semester of full-time student teaching. Students are required to register each semester of full-time residence for specific major ensembles most closely related to their primary instrument(s). The choice of which instrumental or vocal ensemble will be made by the performance area directors. Pianists and guitarists can satisfy this requirement by selecting either a vocal or instrumental ensemble. Guitarists may also satisfy the requirement by performance in MUS 145/445 (Chamber Ensemble). Students must arrange personal and work schedules to avoid conflicts with ensemble commitments.

#### Upper-Division Performance Exam

All students majoring in music at the undergraduate level must pass an upper division qualifying performance exam. Successful completion of this exam will allow the student to enroll in 400 level applied music courses. The student will be expected to display technical proficiency and artistic maturity through repertoire approved by all faculty in each applied area (Keyboard, Instrumental, and Vocal).

The upper division performance exam should be taken at the end of the student's fourth semester of applied study at the 100 level. If the student does not pass the exam on the first attempt, he or she will be granted a probation period of no more than two semesters of required applied study to retake the exam. At the end of the probation, if the student has not passed the exam, he or she will not be allowed to continue as a music major.

### Minor in Music

Students majoring in areas other than music and who possess sufficient aptitude and preparation may acquire a minor in music by completing twenty-four semester hours drawn from the areas of history, literature, theory and performance as follows: MUS 111/112 Music Theory are required, the remaining 18 credits to be selected from MUS 291 Fundamentals of Music, MUS 152 Introduction to Music Literature, MUS 354/355 Music History, and/or class piano, class voice, applied music, ensembles, or other appropriate courses as approved by the Head of the Department of Music and Performing Arts (MUS 151 Introduction to Music may not be applied to the minor in music).

### Music Therapy

Students considering a career in Music Therapy should acquire a Bachelors of Music degree with a Concentration in Music Education, with additional courses in psychology and special education; consult the Department Head for special course recommendations.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Curriculum in Music Leading to the Degree of Bachelor of Music Instrumental Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Music 129 .....	0	††Music 129 .....	0
††Applied Music .....	2	††Applied Music.....	2
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1
††Music 103 .....	1	††Music 104 .....	1
††Music Elective.....	1	††Music 112 .....	3
††Music 111 <sup>G</sup> .....	3	††Music 152 .....	2
††Music 217 .....	2	Mathematics <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics <sup>G</sup> .....	3		
Southeastern 101 .....	2		

18

15

#### Second Year

††Music 129 .....	0	††Music 129 .....	0
††Applied Music .....	2	††Applied Music.....	2
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1
††Music 209 .....	1	††Music 210 <sup>5</sup> .....	1
††Music 211 .....	3	††Music 212 .....	3
Physics 100 <sup>G</sup> .....	3	††Music Elective .....	1
English 230, 231, 232 <sup>G</sup> .....	3	††Music 357 .....	2
History Elective <sup>G</sup> .....	3	English 230, 231, 232 <sup>G</sup> .....	3

16

13

#### Third Year

††Music 449 .....	0	††Music 449 .....	0
††Applied Music .....	3	††Applied Music .....	3
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1

††Music 310 .....	2	††Music 311 .....	2
††Music 355 .....	3	††Music 354 .....	3
††Music 371 .....	2	††Music 372 .....	2
††Music 381 .....	2	††Music 382 .....	2
Communication 211 <sup>G</sup> .....	3	††Music Applied 350 .....	0
	16		13

**Fourth Year**

††Music 449 .....	0	††Music 449 .....	0
††Applied Music .....	3	††Applied Music .....	3
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1
††Music Elective <sup>1</sup> .....	3	††Music Applied 450 .....	0
††Music 414, 416, 417, or 418 .....	3	General Biology 107 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3	Social Science Elective <sup>2,G</sup> .....	3
Social Science Elective <sup>2,G</sup> .....	3	Humanities Elective <sup>3</sup> .....	3
	16		13

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major courses requiring a grade of "C" or better.

<sup>1</sup>To be selected from 300 and 400 level theory, music history, music research courses, or three semesters of applied piano 461. The piano faculty may require piano study beyond Music 210.

<sup>2</sup>To be selected from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, or Sociology.

<sup>3</sup>To be selected from 200-level or higher Foreign Language, Mythology, Philosophy, History, Speech Communication, or Literature course work.

<sup>4</sup>Ensemble assignments are dictated by the needs of the department and will be assigned from: Music Theatre Performance 105/405, Orchestra 121/421, Jazz Ensemble 123/423, Wind Symphony 125/425, Athletic Band 127/427, Symphonic Band 143/443, Chamber Ensemble 145/445, or Contemporary Music Ensemble 154/454.

<sup>5</sup>Piano proficiency must be demonstrated as a graduation requirement. Student must enroll in Piano each semester until the Piano Proficiency Exam is passed (see Piano Proficiency Handbook posted on the departmental website.)

**Curriculum in Music  
Leading to the Degree of Bachelor of Music  
Piano Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Music 129 .....	0	††Music 129 .....	0
††Applied Music 162 .....	2	††Applied Music 162 .....	2
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1
††Music 111 <sup>G</sup> .....	3	††Music 112 .....	3
††Music 217 .....	2	††Music 152 .....	2
English 101 or 121H or 123H <sup>G</sup> .....	3	Mathematics <sup>G</sup> .....	3
Mathematics <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Southeastern 101 .....	2		
	16		14

**Second Year**

††Music 129 .....	0	††Music 129 .....	0
††Applied Music 162 .....	2	††Applied Music 162 .....	2
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1
††Music 211 .....	3	††Music 212 .....	3
Physics 100 <sup>G</sup> .....	3	††Music 357 .....	2
English 230, 231, 232 <sup>G</sup> .....	3	English 230, 231, 232 <sup>G</sup> .....	3
History Elective <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
	15		14

**Third Year**

††Music 449 .....	0	††Music 449 .....	0
††Applied Music 463.....	3	††Applied Music 463.....	3
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1
††Music 310 or 329 .....	2	††Music 311 or 330 .....	2
††Music 355 .....	3	††Music 354 .....	3
††Music 371 .....	2	††Music 372 .....	2
††Music 381 .....	2	††Music 382 .....	2
††Music 430 <sup>4</sup> .....	1	††Music Applied 350 .....	0
††Music Elective.....	1	††Music 445 .....	1
	<hr/> 15		<hr/> 14

**Fourth Year**

††Music 449 .....	0	††Music 449 .....	0
††Applied Music 463.....	3	††Applied Music 463.....	3
††Music Ensemble <sup>4</sup> .....	1	†††Music Ensemble <sup>4</sup> .....	1
††Music Elective <sup>1</sup> .....	3	††Music 429 .....	3
††Music 403 .....	2	††Music Applied 450.....	0
††Music 445 .....	1	General Biology 107 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3	Social Science Elective <sup>2,G</sup> .....	3
Social Science Elective <sup>2,G</sup> .....	3	Humanities Elective <sup>3</sup> .....	3
	<hr/> 16		<hr/> 16

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major courses requiring a grade of "C" or better.

<sup>1</sup>To be selected from 300 and 400 level theory, music history, or music research courses.<sup>2</sup>To be selected from Anthropology, Economics, Criminal Justice, Geography, Political Science, Psychology or Sociology.<sup>3</sup>To be selected from 200-level or higher Foreign Language, Mythology, Philosophy, History, Speech Communication, or Literature course work.

<sup>4</sup>Ensemble assignments are dictated by the needs of the department and will be assigned from: Music Theatre Performance 105/405, Orchestra 121/421, Jazz Ensemble 123/423, Wind Symphony 125/425, Athletic Band 127/427, Chorus 131/431, Concert Choir 135/435, Women's Chorale 137/437, Symphonic Band 143/443, Chamber Ensemble 145/445, or Contemporary Music Ensemble 154/454.

**Curriculum in Music  
Leading to the Degree of Bachelor of Music  
Vocal Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Music 129 .....	0	††Music 129 .....	0
††Applied Music 172.....	2	††Applied Music 172.....	2
††Music Ensemble <sup>4</sup> .....	1	†† Music Ensemble <sup>4</sup> .....	1
††Music 115 .....	1	††Music 119 .....	1
††Music 103 .....	1	††Music 104 .....	1
††Music 111 <sup>G</sup> .....	3	††Music 112 .....	3
††Music 217 .....	2	††Music 152 .....	2
English 101 or 121H or 123H <sup>G</sup> .....	3	Mathematics <sup>G</sup> .....	3
Mathematics <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Southeastern 101 .....	2		
	<hr/> 18		<hr/> 16

**Second Year**

††Music 129 .....	0	††Music 129 .....	0
††Applied Music 172.....	2	††Applied Music 172.....	2
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1

††Music 209 .....	1	††Music 120 .....	1
††Music 211 .....	3	††Music 210 <sup>3</sup> .....	1
Physics 100 <sup>G</sup> .....	3	††Music 212 .....	3
English 230, 231, 232 <sup>G</sup> .....	3	††Music 357 .....	2
History Elective <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
	<hr/>		<hr/>
	16		13

**Third Year**

††Music 449 .....	0	††Music 449 .....	0
††Applied Music 472 .....	2	††Applied Music 472 .....	2
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1
††Music 329 .....	2	††Music 330 .....	2
††Music 355 .....	3	††Music 354 .....	3
††Music 381 .....	2	††Music 372 .....	2
Italian 101 .....	3	††Applied Music 350 .....	0
	<hr/>	French 101 .....	3
	13		<hr/>
			13

**Fourth Year**

††Music 449 .....	0	††Music 449 .....	0
††Applied Music 473 .....	3	††Applied Music 473 .....	3
††Music Ensemble <sup>4</sup> .....	1	††Music Ensemble <sup>4</sup> .....	1
††Music 411 .....	3	††Applied Music 450 .....	0
German 101 .....	3	††Music 438 .....	2
General Biology 106 or 151H <sup>G</sup> .....	3	Music Elective <sup>2</sup> .....	3
Social Science Elective <sup>1,G</sup> .....	3	General Biology 107 <sup>G</sup> .....	3
	<hr/>	Social Science Elective <sup>1,G</sup> .....	3
	16		<hr/>
			15

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>Major courses requiring a grade of "C" or better.

<sup>1</sup>To be selected from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology or Sociology.

<sup>2</sup>To be selected from 300 and 400-level Theory, Music History, Music Research Courses, or three semesters of Applied Piano 461. The piano faculty may require piano study beyond Music 210.

<sup>3</sup>Piano Proficiency must be demonstrated as a graduation requirement. Students must enroll in Piano each semester until the Piano Proficiency Exam is passed (see Piano Proficiency Handbook, posted on the departmental website).

<sup>4</sup>Ensemble assignments are dictated by the needs of the department and will be assigned from: Music Theatre Performance 105/405, Chorus 131/431, Concert Choir 135/435, Women's Chorale 137/437, or Chamber Ensemble 145/445.

**Curriculum in Music  
Leading to the Degree of Bachelor of Music  
Jazz Studies Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Music 129 .....	0	††Music 129 .....	0
††Applied Music .....	2	††Applied Music .....	2
††Music Ensemble <sup>3</sup> .....	1	††Music Ensemble <sup>3</sup> .....	1
††Music 103 .....	1	††Music 104 .....	1
††Music 215 .....	1	††Music 112 .....	1
††Music 111 .....	3	††Music 152 .....	3
††Music 217 .....	2	††Music 314 .....	2
English 101 or 121H or 123H <sup>G</sup> .....	3	Mathematics <sup>5</sup> .....	3
Mathematics <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3



Southeastern 101 .....	2	
	<hr/>	<hr/>
	18	16

**Second Year**

††Music 129 .....	0	††Music 129 .....	0
††Applied Music .....	2	††Applied Music.....	2
††Music Ensemble <sup>3</sup> .....	1	††Music Ensemble <sup>3</sup> .....	1
††Music 209 .....	1	††Music 210 <sup>4</sup> .....	1
††Music 211 <sup>G</sup> .....	3	††Music 212 .....	3
Physics 100 <sup>G</sup> .....	3	††Music 251 .....	3
English 230, 231, 232 <sup>G</sup> .....	3	††Music 357 .....	2
History Elective <sup>G</sup> .....	3	English 230 or 231 or 232.....	3
	<hr/>		<hr/>
	16		15

**Third Year**

††Music 449 .....	0	††Music 449 .....	0
††Applied Music .....	2	††Applied Music.....	2
††Music Ensemble <sup>3</sup> .....	1	††Music Ensemble <sup>3</sup> .....	1
††Music 310 .....	2	††Music 458 .....	2
††Music 355 .....	3	††Music 354 .....	3
††Music 371 .....	2	††Music 372 .....	2
††Music 381 .....	2	††Music 382 .....	2
Communication 211 <sup>G</sup> .....	3	††Music 345 .....	2
	<hr/>	††Music Applied 350.....	0
	15		<hr/>
			14

**Fourth Year**

††Music 449 .....	0	††Music 449 .....	0
††Applied Music .....	3	††Applied Music.....	3
††Music Ensemble <sup>3</sup> .....	1	††Music Ensemble <sup>3</sup> .....	1
††Music 309 .....	1	††MUSA 450 .....	0
††Music 433 .....	1	††Music 434 .....	1
General Biology 106 <sup>G</sup> .....	3	Humanities Elective <sup>2</sup> .....	3
Social Science Elective <sup>1,G</sup> .....	3	General Biology 107 <sup>G</sup> .....	3
	<hr/>	Social Science Elective <sup>1,G</sup> .....	3
	12		<hr/>
			14

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major courses requiring a grade of "C" or better.

<sup>1</sup>To be selected from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology or Sociology.

<sup>2</sup>To be selected from 200-level or higher Foreign Language, Mythology, Philosophy, History, Speech Communication, or Literature course work.

<sup>3</sup>Ensemble assignments are dictated by the needs of the department and will be assigned from: Music Theatre Performance 105/405, Orchestra 121/421, Jazz Ensemble 123/423, Wind Symphony 125/425, Athletic Bands 127/427, Symphonic Band 143/443, Chamber Ensemble 145/445, or Contemporary Music Ensemble 154/454.

<sup>4</sup>Piano proficiency must be demonstrated as a graduation requirement. Student must enroll in Piano each semester until the Piano Proficiency Exam is passed (See Piano Proficiency Handbook posted on the department website.)

**Curriculum in Music Education  
Leading to the Degree of Bachelor of Music  
Instrumental Music Education Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Music 129 .....	0	††Music 129 .....	0
††Applied Music .....	1	††Applied Music.....	1
††Music Instr. Methods Elective <sup>1</sup> .....	1	††Music Instr. Methods Elective <sup>1</sup> .....	1
††Music 101 .....	1	††Music 104 .....	1
††Music 103 .....	1	††Music 112 .....	3
††Music 111 <sup>G</sup> .....	3	††Music Ensemble <sup>2</sup> .....	1
††Music Ensemble <sup>2</sup> .....	1	††Music 152 .....	2
††Music 217 .....	2	††English 102 or 121H or 123H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Mathematics <sup>G</sup> .....	3
Mathematics <sup>G</sup> .....	3	History Elective <sup>G</sup> .....	3
Southeastern 101 .....	2		
	<hr/> 18		<hr/> 18

**Second Year**

††Music 129 .....	0	††Music 129 .....	0
††Applied Music .....	1	††Applied Music.....	2
††Music Instr. Methods Elective <sup>1</sup> .....	1	††Music 210 <sup>4</sup> .....	1
††Music 209 .....	1	††Music 212 .....	3
††Music 211 .....	3	††Music 354 .....	3
††Music Ensemble <sup>2</sup> .....	1	††Music Instr. Methods Elective <sup>1</sup> .....	1
††Music 355 .....	3	††Music Ensemble <sup>2</sup> .....	1
Physics 100 <sup>G</sup> .....	3	††Music 357 .....	2
Psychology 101 <sup>G</sup> .....	3	†Education 316 .....	3
††Education 202.....	3	†Special Education 200.....	3
	<hr/> 19		<hr/> 19

**Third Year**

††Music 449 .....	0	††Music 449 .....	0
††Applied Music .....	2	††Applied Music.....	2
††Music Instr. Methods Elective <sup>1</sup> .....	1	††Music Instr. Methods Elective <sup>1</sup> .....	1
††Music 310 .....	2	††Music 311 .....	2
††Music Ensemble <sup>2</sup> .....	1	††Music Ensemble <sup>2</sup> .....	1
††Music 303 .....	3	††Music Applied 350.....	0
††Music 304 .....	1	†Education 313 .....	3
††Music 371 or 372 .....	2	Biological Science <sup>5,G</sup> .....	3
Biological Science <sup>5,G</sup> .....	3	Communication 210 <sup>G</sup> .....	3
†Education 472 .....	3	English 230, 231, or 232 <sup>G</sup> .....	3
	<hr/> 18		<hr/> 18

**Fourth Year**

††Applied Music .....	2	Education 486 .....	9
††Music Ensemble <sup>2</sup> .....	1		
Social Science Elective <sup>3,G</sup> .....	3		
†Education 453 .....	6		
†Education 485 .....	3		
	<hr/> 15		<hr/> 9

Total semester hours required

134

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>©</sup>General Education Courses

<sup>†</sup>Requires a grade of "C" or better.

<sup>‡</sup>Requires a grade of "B" or better.

<sup>††</sup>Major course. A grade of "C" or better is required.

<sup>†</sup>To be selected from Strings Methods 378, Woodwinds I 393, Woodwinds II 394, Brass 395, Percussion 397 and Marching Band Techniques 419.

<sup>2</sup> Ensemble assignments are dictated by the needs of the department and will be assigned from: Music Theatre Performance 105/405, Orchestra 121/421, Jazz Ensemble 123/423, Wind Symphony 125/425, Athletic Band 127/427, Symphonic Band 143/443, Chamber Ensemble 145/445, or Contemporary Music Ensemble 154/454.

<sup>3</sup>To be selected from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology or Sociology.

<sup>4</sup>Piano proficiency must be demonstrated as a graduation requirement. Students must enroll in Piano each semester until the Piano Proficiency Exam is passed (see Piano Proficiency Handbook, posted on the departmental website).

<sup>5</sup>GBIO 106 and 107 or GBIO151 and 153 or GBIO 151H and 153H.

### Curriculum in Music Education Leading to the Degree of Bachelor of Music Vocal Music Education Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Music 129 .....	0	<sup>††</sup> Music 129 .....	0
<sup>††</sup> Applied Music 171 .....	1	<sup>††</sup> Applied Music 171 .....	1
<sup>††</sup> Music 115 .....	1	<sup>††</sup> Music 119 .....	1
<sup>††</sup> Music 103 .....	1	<sup>††</sup> Music 104 .....	1
<sup>††</sup> Music 111 <sup>©</sup> .....	3	<sup>††</sup> Music 112 .....	3
<sup>††</sup> Music Ensemble <sup>1</sup> .....	1	<sup>††</sup> Music Ensemble <sup>1</sup> .....	1
<sup>††</sup> Music 217 .....	2	<sup>††</sup> Music 152 .....	2
English 101 or 121H or 123H <sup>©</sup> .....	3	<sup>††</sup> English 102 or 122H or 124H <sup>©</sup> .....	3
Mathematics <sup>©</sup> .....	3	Mathematics <sup>©</sup> .....	3
Southeastern 101 .....	2	Psychology 101 <sup>©</sup> .....	3
	17		18

#### Second Year

<sup>††</sup> Music 129 .....	0	<sup>††</sup> Music 129 .....	0
<sup>††</sup> Applied Music 171 .....	1	<sup>††</sup> Applied Music 172 .....	2
<sup>††</sup> Music 209 .....	1	<sup>††</sup> Music 120 .....	1
<sup>††</sup> Music 211 .....	3	<sup>††</sup> Music 210 <sup>4</sup> .....	1
<sup>††</sup> Music 355 .....	3	<sup>††</sup> Music 212 .....	3
<sup>††</sup> Music Ensemble <sup>2</sup> .....	1	<sup>††</sup> Music 354 .....	3
Physics 100 <sup>©</sup> .....	3	<sup>††</sup> Music Ensemble <sup>2</sup> .....	1
<sup>††</sup> Education 202 .....	3	<sup>††</sup> Music 357 .....	2
<sup>††</sup> Music Methods <sup>1</sup> .....	1	<sup>†</sup> Education 316 .....	3
History Elective <sup>©</sup> .....	3	<sup>†</sup> Special Education 200 .....	3
	19		19

#### Third Year

<sup>††</sup> Music 449 .....	0	<sup>††</sup> Music 449 .....	0
<sup>††</sup> Applied Music 472 .....	2	<sup>††</sup> Applied Music 472 .....	2
<sup>††</sup> Applied Music 461 .....	1	<sup>††</sup> Applied Music 461 .....	1
<sup>††</sup> Music 329 .....	2	<sup>††</sup> Music 330 .....	2
<sup>††</sup> Music Ensemble <sup>2</sup> .....	1	<sup>††</sup> Music Ensemble <sup>2</sup> .....	1
<sup>††</sup> Music 303 .....	3	<sup>††</sup> Applied Music 350 .....	0
<sup>††</sup> Music 304 .....	1	<sup>†</sup> Education 313 .....	3
<sup>††</sup> Music 371 or 372 .....	2	English 230, 231, or 232 <sup>©</sup> .....	3
Biological Science <sup>5,©</sup> .....	3	Biological Science <sup>5,©</sup> .....	3
<sup>†</sup> Education 472 .....	3	Communication 210 <sup>©</sup> .....	3
	18		18

**Fourth Year**

††Applied Music 472.....	2	Education 486 .....	9
††Applied Music 461.....	1		
Social Science Elective <sup>3,G</sup> .....	3		
††Music Ensemble <sup>2</sup> .....	1		
<sup>†</sup> Education 453 .....	6		
<sup>†</sup> Education 485 .....	3		
	16		9

Total semester hours required 134

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>†</sup>Requires a grade of "C" or better.

<sup>††</sup>Requires a grade of "B" or better.

<sup>†††</sup>Major course. A grade of "C" or better is required.

<sup>†</sup>To be selected from Contemporary Guitar 150, String Methods 378, Woodwinds I 393, Woodwinds II 394, Brass 395, or Percussion 397.

<sup>2</sup>Ensemble assignments are directed by the needs of the department and will be assigned from: Music Theatre Performance 105/405, Chorus 131/431, Concert Choir 135/435, Women's Chorale 137/437, or Chamber Ensemble 145/445.

<sup>3</sup>To be selected from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, or Sociology.

<sup>†</sup>Piano proficiency must be demonstrated as a graduation requirement. Students must enroll in Piano each semester until the Piano Proficiency Exam is passed (see Piano Proficiency Handbook posted on the department website.)

<sup>G</sup>GBIO 106 and 107 or GBIO 151 and 153 or GBIO 151H and 153H.

**Dance**

Students who are interested in majoring in theatre or dance should major in General Studies with a concentration in dance.

**Minor in Dance**

Students may elect to minor in Dance by completing eighteen hours of dance as specified below:

**RESEARCH:**

DNC 100 and 372 and 373 ..... 9 hours

DNC 301 or 350 or 460..... 3 hours

**TECHNIQUE:**

DNC 108, 130, 230, 306, 307, 330 ..... 4 hours

**PERFORMANCE:**

DNC 300..... 2 hours

**TOTAL:** ..... 18 hours

## Department of Psychology

Susan Coats, *Department Head*

The Department of Psychology attempts to foster, among all students, a grasp and appreciation of the scientific method in the study of behavior, and to stimulate interest in the field of Psychology. An undergraduate major and minor in Psychology are offered as preparation for either graduate study or careers in which the science of behavior is applicable.

### Majors

The major program in Psychology requires 46 semester hours in courses offered by the Department of Psychology, including 101, 102, 204, 210, 220, 221, 222, 335, 440, and 462, and six- 3 hour psychology electives. Students for whom there is any possibility of graduate study in Psychology are strongly advised to pursue Psychology 365, 421 and 449.

Candidates for the bachelor's degree in Psychology must earn, at Southeastern, a minimum of 23 hours required in the major field.

### Minors

A total of 18 semester hours is required for the minor in Psychology. These must include Psychology 101 and Psychology 102 and at least 6 semester hours at the 300- or 400-level.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Curriculum in Psychology Leading to the Degree of Bachelor of Arts

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
†Psychology 101 .....	3	†Psychology 102 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 151/161, 162, 163 or 165 <sup>G</sup> .....	3
Music 151, Art 105, Art 106 or Theatre 131 <sup>G</sup> ..	3	Computer Science or Foreign Language <sup>1</sup> .....	3
Southeastern 101 .....	2	History 101 or 101H or 201 or 201H <sup>G</sup> .....	3
		Library Science 102 .....	1
	14		16

#### Second Year

†Psychology 210 .....	3	†Psychology 221 .....	3
†Psychology 220 .....	3	†Psychology 222 .....	1
English 230, 231 or 232 <sup>G</sup> .....	3	English 322 .....	3
Computer Science or Foreign Language <sup>1</sup> .....	3	Elective .....	3
General Biology 151 <sup>G</sup> .....	3	†Psychology 204 .....	3
Biology Lab 152 .....	1	History 102 or 102H or 202 or 202H .....	3
	16		16

#### Third Year

†Psychology 335 or 365 .....	3	†Psychology Foundations Elective <sup>2</sup> .....	3
†Psychology Foundations Elective <sup>2</sup> .....	3	Natural Science <sup>4,G</sup> .....	3
†Psychology Applied Elective <sup>3</sup> .....	3	†Psychology Elective <sup>5</sup> .....	3
Physical Science <sup>G</sup> .....	4	Elective .....	3

Elective .....	3	Music, Art, Theatre, or English Elective <sup>6</sup> .....	3
	<hr/> 16		<hr/> 15

**Fourth Year**

†Psychology 440 .....	3	†Psychology Applied Elective <sup>3</sup> .....	3
Communication 211 <sup>G</sup> .....	3	†Psychology 462 .....	3
Social Science Elective <sup>7,G</sup> .....	3	Elective .....	3
Elective .....	3	Social Science Elective <sup>7,G</sup> .....	3
†Psychology Elective <sup>5</sup> .....	3		
	<hr/> 15		<hr/> 12

<b>Total semester hours required</b>			<b>120</b>
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Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

<sup>†</sup>Major Course. These courses will be used to calculate the major grade point average, which must be an adjusted or degree 2.0 grade point average or above.

<sup>1</sup>Either 6 hours in Computer Science (excluding CMPS 101 and 105) or 6 hours in one Foreign Language are required.

<sup>2</sup>Taken from Psychology 343, 416, 421, or 422

<sup>3</sup>Taken from Psychology 285, 350, 353, 364, 452, or 470

<sup>4</sup>Must be completed as part of the natural science two-semester sequence.

<sup>5</sup>Any Psychology course

<sup>6</sup>The English elective, if selected, must be taken from English 230, 231, 232, 310, 316 or 429

<sup>7</sup>Taken from courses in the Social Sciences (Anthropology, Criminal Justice, Economics, Geography, Political Science or Sociology).

**Curriculum in Psychology  
Leading to the Degree of Bachelor of Arts  
Industrial/Organizational Psychology Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
†Psychology 101 .....	3	†Psychology 102 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 151/161, 162, 163 or 165 <sup>G</sup> .....	3
Music 151, Art 105, Art 106 or Theatre 131 <sup>G</sup> ..	3	Computer Science or Foreign Language <sup>1</sup> .....	3
Southeastern 101 .....	2	History 101 or 101H or 201 or 201H <sup>G</sup> .....	3
		Library Science 102 .....	1
	<hr/> 14		<hr/> 16

**Second Year**

†Psychology 210 .....	3	†Psychology 221 .....	3
†Psychology 220 .....	3	†Psychology 222 .....	1
English 230, 231 or 232 <sup>G</sup> .....	3	English 322 .....	3
Computer Science or Foreign Language <sup>1</sup> .....	3	†Psychology 251 .....	3
General Biology 151 <sup>G</sup> .....	3	†Psychology 204 .....	3
Biology Lab 152 .....	1	History 102 or 102H or 202 or 202H .....	3
	<hr/> 16		<hr/> 16

**Third Year**

†Psychology 335 or 365 .....	3	†Psychology 343 .....	3
†Psychology 452 .....	3	Natural Science <sup>3,G</sup> .....	3
Social Science Elective <sup>2,G</sup> .....	3	†Psychology 416 .....	3
Physical Science <sup>G</sup> .....	4	Elective .....	3
Elective .....	3	Business or Management Elective <sup>4</sup> .....	3
	<hr/> 16		<hr/> 15

**Fourth Year**

†Psychology 440 .....	3	Elective .....	3
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†Psychology 421 or 450.....	3	†Psychology 470.....	3
†Psychology 364.....	3	†Psychology 462.....	3
Communication 211 <sup>Ⓒ</sup> .....	3	Economics Elective <sup>Ⓒ</sup> .....	3
Music, Art, Theatre, or English Elective <sup>Ⓔ</sup> .....	3		
	<hr/>		<hr/>
	15		12

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>Ⓒ</sup>General Education Courses

<sup>†</sup>Major Course. These courses will be used to calculate the major grade point average, which must be an adjusted or degree 2.0 grade point average or above.

<sup>‡</sup>Either 6 hours in Computer Science (excluding CMPS 101 and 105) or 6 hours in one Foreign Language are required.

<sup>Ⓓ</sup>Taken from courses in the Social Sciences (Anthropology, Criminal Justice, Economics, Geography, Political Science or Sociology).

<sup>Ⓔ</sup>Must be completed as part of the natural science two-semester sequence.

<sup>Ⓛ</sup>Taken from Communication, Management, Marketing, Health Systems Management, Operations Management & Information Systems or Occupational Safety, Health and Environment.

<sup>Ⓜ</sup>The English elective, if selected, must be taken from English 230, 231, 232, 310, 316, or 429

### Curriculum in Psychology Leading to the Degree of Bachelor of Arts Applied Behavior Analysis Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
†Psychology 101 .....	3	†Psychology 102 .....	3
English 101 or 121H or 123H <sup>Ⓒ</sup> .....	3	English 102 or 122H or 124H <sup>Ⓒ</sup> .....	3
Mathematics 105 or 151/161 <sup>Ⓒ</sup> .....	3	Mathematics 151/161, 162, 163 or 165 <sup>Ⓒ</sup> .....	3
Music 151, Art 105, Art 106 or Theatre 131 <sup>Ⓒ</sup> .....	3	Computer Science or Foreign Language <sup>‡</sup> .....	3
Southeastern 101 .....	2	History 101or 101H or 201 or 201H <sup>Ⓒ</sup> .....	3
		Library Science 102.....	1
	<hr/>		<hr/>
	14		16

#### Second Year

†Psychology 210.....	3	†Psychology 221.....	3
†Psychology 220 .....	3	†Psychology 222.....	1
English 230, 231 or 232 <sup>Ⓒ</sup> .....	3	English 322 .....	3
Computer Science or Foreign Language <sup>‡</sup> .....	3	†Psychology 343.....	3
General Biology 151 <sup>Ⓒ</sup> .....	3	†Psychology 204.....	3
Biology Lab 152.....	1	History 102 or 102H or 202 or 202H .....	3
	<hr/>		<hr/>
	16		16

#### Third Year

†Psychology 335 or 365.....	3	†Psychology 422.....	3
†Psychology 285.....	3	Natural Science <sup>Ⓓ,Ⓒ</sup> .....	3
†Psychology 353.....	3	†Psychology 458.....	3
Physical Science <sup>Ⓒ</sup> .....	4	Elective.....	3
Elective .....	3	Music, Art, Theatre, or English Elective <sup>Ⓜ</sup> .....	3
	<hr/>		<hr/>
	16		15

#### Fourth Year

†Psychology 440.....	3	†Psychology 364, 449, 450, 468 .....	3
Communication 211 <sup>Ⓒ</sup> .....	3	†Psychology 462.....	3
Social Science Elective <sup>Ⓓ,Ⓒ</sup> .....	3	†Psychology 324 or 345.....	3
Elective .....	3	Social Science Elective <sup>Ⓓ,Ⓒ</sup> .....	3
†Psychology 460.....	3		
	<hr/>		<hr/>
	15		12

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>6</sup>General Education Courses

<sup>7</sup>Major Course. These courses will be used to calculate the major grade point average, which must be an adjusted or degree 2.0 grade point average or above.

<sup>1</sup>Either 6 hours in Computer Science (excluding CMPS 101 and 105) or 6 hours in one Foreign Language are required.

<sup>2</sup>Taken from courses in the Social Sciences (Anthropology, Criminal Justice, Economics, Geography, Political Science or Sociology).

<sup>3</sup>Must be completed as part of the natural science two-semester sequence.

<sup>4</sup>The English elective, if selected, must be taken from English 230, 231, 232, 310, 316, or 429



## Department of Sociology and Criminal Justice

Ken Bolton, *Department Head*

Candidates for the bachelor's degree in Sociology or Criminal Justice must earn at Southeastern a minimum of one-half of the hours required in the major field.

### Major in Sociology

A Bachelor of Arts degree in Sociology may be earned upon the successful completion of 42 semester hours in Sociology. Twenty-one of these major hours must be earned at Southeastern Louisiana University, and a total of 120 hours as outlined in the four-year curriculum in Sociology.

### Major in Criminal Justice

A Bachelor of Arts degree in Criminal Justice may be earned upon the successful completion of 42 semester hours in Criminal Justice. Twenty-one of these major hours must be earned at Southeastern Louisiana University, and a total of 120 hours as outlined in the four-year curriculum in Criminal Justice.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minors

A minor will be given in Anthropology upon the completion of eighteen semester hours in Anthropology.

A minor in Criminal Justice will be given upon the completion of eighteen semester hours, which must include the following:

CJ 101 .....	3 hours
CJ 201 .....	3 hours
CJ 204 .....	3 hours
CJ 205 .....	3 hours
CJ 412 .....	3 hours
CJ 440 .....	3 hours

A minor will be given in Geography upon the completion of eighteen semester hours in Geography.

A minor in Geographic Information Systems and Remote Sensing will be given upon the completion of eighteen semester hours, which must include the following:

GEOG 103 .....	3 hours
GEOG 305, 335, or 473 .....	3 hours
GEOG 343 .....	3 hours
GEOG 370 .....	3 hours
GEOG 443.....	3 hours
GEOG 470 .....	3 hours

A minor in Sociology will be given upon completion of eighteen semester hours, which must include the following:

SOC 101 .....	3 hours
SOC 310 .....	3 hours
SOC 430 .....	3 hours
SOC Electives from 300- or 400-level courses .....	9 hours

A student may gain credit in Sociology 101 by completing the CLEP Subject Examination in Introductory Sociology. Departmental examinations are offered in Sociology 101 and Criminal Justice 101.

**Curriculum in Sociology  
Leading to the Degree of Bachelor of Arts**

**First Year**

	S.H.		S.H.
<b>FIRST SEMESTER</b>		<b>SECOND SEMESTER</b>	
††Sociology 101 .....	3	††Sociology 212 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Anthropology .....	3	Mathematics <sup>G</sup> .....	3
Elective .....	3	Fine Arts <sup>5,G</sup> .....	3
Southeastern 101 .....	2	Elective .....	3
Library Science 102 .....	1		
	15		15

**Second Year**

††Sociology 203 .....	3	Elective .....	3
Speech Communication <sup>6,G</sup> .....	3	Foreign Language <sup>2</sup> .....	3
English Literature <sup>G</sup> .....	3	††Sociology Elective <sup>1</sup> .....	3
Foreign Language <sup>2</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3	††Sociology Elective <sup>1</sup> .....	3
	15		15

**Third Year**

††Sociology 305 .....	3	ANTH/GEOG/CJ .....	3
History <sup>G</sup> .....	3	Geography .....	3
††Sociology Elective <sup>1</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
Natural Science <sup>3,G</sup> .....	3	††Sociology 310 .....	3
ANTH/GEOG/CJ .....	3	Social Science Elective <sup>4,G</sup> .....	3
	15		15

**Fourth Year**

Elective .....	3	††Sociology 430 .....	3
††Sociology Elective <sup>1</sup> .....	3	††Sociology Elective <sup>1</sup> .....	3
Social Science Elective <sup>4,G</sup> .....	3	Elective .....	3
††Sociology 411 .....	3	Elective .....	3
††Sociology 465 .....	3	††Sociology 300-400 level Elective <sup>1</sup> .....	3
	15		15

Total semester hours required	120
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Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Indicates courses required in major. A grade of "C" or better is required.

<sup>1</sup>Any Sociology course not already required in the curriculum.

<sup>2</sup>Six hours in one foreign language.

<sup>3</sup>Nine hours, to include a 6- hour sequence of either biological or physical science, and the opposite for the other 3 hours.

<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, or Psychology.

<sup>5</sup>Music 151, Theatre 131, Art 105, Art 106, Dance 302, or Honors 191.

<sup>6</sup>COMM 210, COMM 211, COMM 211H, COMM 213, COMM 215, or COMM 270.

**Curriculum in Criminal Justice  
Leading to the Degree of Bachelor of Arts**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Criminal Justice 101 .....	3	††Criminal Justice 201 <sup>1</sup> .....	3
Fine Arts <sup>6,G</sup> .....	3	Sociology 101 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
History <sup>G</sup> .....	3	Mathematics <sup>G</sup> .....	3
Southeastern 101 .....	2	Foreign Language <sup>1</sup> .....	3
Library Science .....	1		
	15		15

**Second Year**

††Criminal Justice 202 <sup>2</sup> .....	3	††Criminal Justice 204 <sup>2</sup> .....	3
Psychology 101 .....	3	Social Science Elective <sup>5,G</sup> .....	3
English Literature <sup>G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
Foreign Language <sup>1</sup> .....	3	Political Science 201 or 202 .....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3	††Criminal Justice 205 <sup>2</sup> .....	3
	15		15

**Third Year**

Sociology 305 .....	3	††Criminal Justice Elective .....	3
††Criminal Justice 336 or Sociology 336 .....	3	††Criminal Justice Elective .....	3
Natural Science <sup>3,G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
††Criminal Justice Elective .....	3	Sociology 310 .....	3
Speech Communication <sup>6</sup> or Philosophy <sup>G</sup> .....	3	††Criminal Justice Elective .....	3
	15		15

**Fourth Year**

Elective .....	3	††Criminal Justice 440 or Sociology 440 .....	3
††Criminal Justice Elective .....	3	Social Science Elective <sup>5,G</sup> .....	3
Elective .....	3	††Criminal Justice 412 or Sociology 412 .....	3
Geography 322 .....	3	Elective .....	3
††Criminal Justice Elective .....	3	Sociology 411 or Anthropology 411 .....	3
	15		15

Total semester hours required	120
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Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 or more hours. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>Indicates courses required in major. A grade of "C" or better is required.

<sup>1</sup>Six hours in one foreign language.

<sup>2</sup>CJ 201, 202, 204, and 205, may be taken in any sequence.

<sup>3</sup>Nine hours, to include a 6-hour sequence of either biological or physical sciences, and the opposite for the other 3 hours.

<sup>4</sup>Anthropology, Economics, Geography, Political Science, Psychology or Sociology.

<sup>5</sup>Music 151, Theatre 131, Art 105, Art 106, Dance 302, or Honors 191.

<sup>6</sup>COMM 210, COMM 211, COMM 211H, COMM 213, COMM 215, or COMM 270.

## Department of Visual Art + Design

Dale Newkirk, *Department Head*

### Areas of Emphasis and Areas of Concentration

The Bachelor of Arts in Art degree offers areas of concentration and areas of emphasis—each supervised by a specific faculty member. All Visual Art + Design students are required to take (at minimum) a series of four studio courses beyond the required foundation core within one area of emphasis (including Senior Projects).

Concentrations are more extensive studies in a specific area and are designed to give students the opportunity for greater depth and breadth of knowledge within one area of study. Requirements for individual concentrations are listed in the following pages of this catalogue. Students should meet with the designated faculty member/s for advising and guidance within their area of interest.

Students are required to pass Art 299 (Sophomore Review) prior to declaring an area of emphasis or concentration.

### Art Minors

A minor program in Art consists of twenty-one semester hours.

ART 105 .....	3 hours
ART 106 .....	3 hours
ART 111 .....	3 hours
ART 112 .....	3 hours
ART 151 .....	3 hours
ART 152 .....	3 hours
ART 115, 117, 122, 153, 161, 190, 231, 281, or 443 .....	3 hours

A minor program in Art History consists of eighteen semester hours with two introductory courses and four advanced courses.

ART 105 and 106 .....	6 hours
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Two advanced course from each of the following:

ART History 300 level .....	6 hours
ART History 400 level .....	6 hours

A minor program in Graphic Design consists of twenty-four semester hours.

ART 111 .....	3 hours
ART 122 .....	3 hours
ART 151 .....	3 hours
ART 152 .....	3 hours
ART 161 .....	3 hours
ART 261 .....	3 hours
ART 361 .....	3 hours
ART 461 .....	3 hours

A minor in New Media Animation consists of twenty-four semester hours.

ART 111 .....	3 hours
ART 122 .....	3 hours
ART 151 .....	3 hours
ART 152 .....	3 hours
ART 190 .....	3 hours
ART 290 .....	3 hours
ART 390, 393, 394, 396, 397, or 493 .....	6 hours

A minor in Printmaking consists of twenty-four semester hours.

ART 111 .....	3 hours
ART 122 .....	3 hours
ART 151 .....	3 hours
ART 152 .....	3 hours
ART 117 .....	3 hours
ART 217 or 218 .....	3 hours
ART 317, 318, or 319 .....	3 hours
ART 417 .....	3 hours

For all minors programs, a minimum of 15 semester hours in Art must be taken at Southeastern. It is recommended that students selecting Graphic Design as a minor begin in the Graphic Design sequence, ART 161, in the Fall of their sophomore year.

### Minor in Theatre

Students may acquire a minor in Theatre by completing 21 hours as follows: THEA 131, 231, 234, 333 or 337, 431,432 and three hours of Theatre labs (TLAB).

## Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Curriculum in Art Leading to the Degree of Bachelor of Arts in Art

<b>First Year</b>	
FIRST SEMESTER	SECOND SEMESTER
††Art 111 .....	††Art 112 .....
††Art 151 .....	††Art 152 .....
††Art 105 .....	††Art 106 .....
English 101 or 121H or 123H <sup>G</sup> .....	English 102 or 122H or 124H <sup>G</sup> .....
Library Science 102 .....	Mathematics <sup>G</sup> .....
Southeastern 101 .....	
15	15
<b>Second Year</b>	
Art 115, 117, 122, 161, or 190 <sup>2</sup> .....	Art 215, 217, 221, 261, or 290 <sup>2</sup> .....
††Art 153 .....	††Art 231 .....
Communication 211 <sup>G</sup> .....	††Art 117 or 281 .....
English 230, 231 232 <sup>G</sup> .....	English 230, 231, or 232 .....
Mathematics or Analytic Reasoning <sup>G</sup> .....	History 101 or 201 <sup>1,G</sup> .....
	Art 299 Sophomore Review .....
15	15
<b>Third Year</b>	
††Art Studio .....	††Art Studio .....
††Art History (300-400 level) .....	††Art History 443 .....
Art Studio .....	History 102 or 202 <sup>1</sup> .....
Foreign Language 101 .....	Foreign Language 102 .....
Natural Science <sup>3,G</sup> .....	Natural Science <sup>3,G</sup> .....
15	15
<b>Fourth Year</b>	
††Art Studio .....	††Senior Project Art <sup>6</sup> .....
3	3

††Art Studio or Art History (300-400 level) .....	3	Humanities Elective (200+ level) <sup>5</sup> .....	3
Elective (200+ level) .....	3	Social Science Elective (200+ level) <sup>4,G</sup> .....	3
Social Science Elective <sup>4,G</sup> .....	3	Music 151 or Theatre 131 <sup>G</sup> .....	3
Natural Science <sup>3,G</sup> .....	3	††Art 492 .....	2
		††Art 499 Thesis Exhibition <sup>7</sup> .....	1
	15		15

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>Major course. Requires a grade of "C" or better in all courses in the major.

<sup>†</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond the core courses) is required in a studio area other than that of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

<sup>6</sup>Must have nine hours in a single artistic area before attempting Senior Project.

<sup>7</sup>All degree candidates must present an ambitious body of art work, approved by the Visual Arts + Design Faculty for exhibition in the Graduating Seniors' Exhibition. Students must submit slides or CD of these works, which will be retained by the department.

### Curriculum in Art Leading to the Degree of Bachelor of Arts in Art Art History Concentration

#### First Year

FIRST SEMESTER .....	S.H.	SECOND SEMESTER .....	S.H.
††Art 111 .....	3	††Art 112 .....	3
††Art 151 .....	3	††Art 152 .....	3
††Art 105 .....	3	††Art 106 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Library Science 102 .....	1	Mathematics <sup>G</sup> .....	3
Southeastern 101 .....	2		
	15		15

#### Second Year

††Art 153 .....	3	††Art History (300-400 level) .....	3
††Art 117 or 281 .....	3	††Art 231 .....	3
††Art History (300 level) .....	3	Music 151 or Theatre 131 <sup>G</sup> .....	3
English 230 <sup>G</sup> .....	3	English 231 or 232 .....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3	History 101 or 201 <sup>1,G</sup> .....	3
		Art 299 Sophomore Review .....	0
	15		15

#### Third Year

Art History (400 level) .....	3	Art History (400 level) .....	3
††Art Studio <sup>2</sup> .....	3	††Art Studio <sup>2</sup> .....	3
Communication 211 <sup>G</sup> .....	3	History 102 or 202 <sup>1</sup> .....	3
Foreign Language 101 (Fren/Germ) .....	3	Foreign Language 102 (Fren/Germ) .....	3
Natural Science <sup>3,G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
	15		15

#### Fourth Year

††Art 443 .....	3	††Art 449 <sup>3</sup> .....	3
Art 444 Seminar in Art History <sup>6</sup> .....	3	Art History (400 level) .....	3
Foreign Language 201 (Fren/Germ) .....	3	Social Science Elective (200+ level) <sup>4</sup> .....	3
Social Science Elective <sup>4,G</sup> .....	3	Humanities Elective (200+ level) <sup>5,G</sup> .....	3
Natural Science <sup>3,G</sup> .....	3	Foreign Language 202 (Fren/Germ) .....	3
	15		15

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>©</sup>General Education Courses

<sup>††</sup>Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond core courses) is required in a studio area other than that of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

Must have nine hours in the area in a single artistic area before attempting Seminar in Art History.

<sup>6</sup>All degree candidates are required to present their senior thesis paper, approved by the Visual Art + Design Faculty, in a departmental forum.

### Curriculum in Art Leading to the Degree of Bachelor of Arts in Art Ceramics Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Art 111 .....	3	<sup>††</sup> Art 112 .....	3
<sup>††</sup> Art 151 .....	3	<sup>††</sup> Art 152 .....	3
<sup>††</sup> Art 105 .....	3	<sup>††</sup> Art 106 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Southeastern 101 .....	2	Mathematics <sup>G</sup> .....	3
Library Science 102 .....	1		
	15		15

#### Second Year

Art 115 .....	3	Art 215 .....	3
<sup>††</sup> Art 153 .....	3	<sup>††</sup> Art 231 .....	3
Communication 211 <sup>G</sup> .....	3	<sup>††</sup> Art 117 or 281 .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	English 230, 231, or 232 .....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3	History 101 or 201 <sup>1,G</sup> .....	3
		Art 299 Sophomore Review .....	0
	15		15

#### Third Year

Art 315 .....	3	Art 315 .....	3
<sup>††</sup> Art History 443 .....	3	<sup>††</sup> Art History (300-400 level) .....	3
<sup>††</sup> Art Studio <sup>2</sup> .....	3	History 102 or 202 <sup>1</sup> .....	3
Foreign Language 101 .....	3	Foreign Language 102 .....	3
Natural Science <sup>3,G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
	15		15

#### Fourth Year

Art Studio 415 .....	3	Senior 415 <sup>6</sup> .....	3
<sup>††</sup> Art Studio or Art History (300-400 level) .....	3	Humanities Elective (200+ level) <sup>5,G</sup> .....	3
<sup>††</sup> Art Studio <sup>2</sup> .....	3	Social Science Elective (200+ level) <sup>4,G</sup> .....	3
Social Science Elective <sup>4,G</sup> .....	3	Music 151 or Theatre 131 <sup>G</sup> .....	3
Natural Science <sup>3,G</sup> .....	3	<sup>††</sup> Art 492 .....	2
		<sup>††</sup> Art 499 Thesis Exhibition <sup>7</sup> .....	1
	15		15

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>©</sup>General Education Courses

<sup>††</sup>Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond the core course) is required in a studio area other than that of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

<sup>6</sup>Must have nine hours in a single artistic area before attempting Senior Project.

<sup>7</sup>All degree candidates must present an ambitious body of art work, approved by the Visual Art + Design Faculty, for exhibition in the Graduating Seniors' Exhibition. Students must submit a CD of these works, which will be retained by the department.

### Curriculum in Art Leading to the Degree of Bachelor of Arts in Art Graphic Design Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Art 111 .....	3	<sup>††</sup> Art 112 .....	3
<sup>††</sup> Art 151 .....	3	<sup>††</sup> Art 152 .....	3
<sup>††</sup> Art 105 .....	3	<sup>††</sup> Art 106 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Southeastern 101 .....	2	Mathematics <sup>G</sup> .....	3
	14		15

#### Second Year

Art 160 .....	3	Art 261 .....	3
Art 161 .....	3	<sup>††</sup> Art 231 .....	3
<sup>††</sup> Art 153 .....	3	<sup>††</sup> Art 117 or 281 .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	English 230, 231, or 232 .....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3	History 101 or 201 <sup>1,G</sup> .....	3
	15	Art 299 Sophomore Review .....	0
			15

#### Third Year

Art 361 .....	3	<sup>††</sup> Art 345 or Art History 300-400 level .....	3
<sup>††</sup> Art History 443 .....	3	Humanities Elective (200+ level) <sup>5</sup> .....	3
<sup>††</sup> Art Studio <sup>2</sup> .....	3	History 102 or 202 <sup>1</sup> .....	3
Foreign Language 101 .....	3	Foreign Language 102 .....	3
Natural Science <sup>3,G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
	15		15

#### Fourth Year

Art 459 .....	3	Art 461 <sup>6</sup> .....	3
<sup>††</sup> Art Studio or Art History (300-400 level) .....	3	Art 466 .....	3
<sup>††</sup> Art Studio <sup>2</sup> .....	3	<sup>††</sup> Art 499 Thesis Exhibition <sup>7</sup> .....	1
Social Science Elective <sup>4,G</sup> .....	3	Social Science Elective <sup>4,G</sup> .....	3
Natural Science <sup>3,G</sup> .....	3	Music 151 or Theatre 131 <sup>G</sup> .....	3
	15	Communication 211 <sup>G</sup> .....	3
			16

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>©</sup>General Education Courses

<sup>††</sup>Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond core courses) is required in a studio area other than that of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.



<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

<sup>6</sup>Must have nine hours in a single artistic area before attempting Senior Project.

<sup>7</sup>All degree candidates must present an ambitious body of art work, approved by the Visual Art + Design Faculty, for exhibition in the Graduating Seniors' Exhibition. Students must submit a CD of these works, which will be retained by the department.

### Curriculum in Art Leading to the Degree of Bachelor of Arts in Art New Media and Animation Concentration

<b>First Year</b>	
FIRST SEMESTER	S.H.
††Art 111 .....	3
††Art 151 .....	3
††Art 105 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3
Library Science 102 .....	1
Southeastern 101 .....	2
	15
SECOND SEMESTER	S.H.
††Art 112 .....	3
††Art 152 .....	3
††Art 106 .....	3
English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics <sup>G</sup> .....	3
	15
<b>Second Year</b>	
Art 190 .....	3
††Art 153 .....	3
††Art Studio <sup>2</sup> .....	3
English 230, 231, or 232 <sup>G</sup> .....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3
	15
††Art 117 or 281 .....	3
††Art 231 .....	3
Art 290 .....	3
English 230, 231, or 232 .....	3
History 101 or 201 <sup>1G</sup> .....	3
Art 299 Sophomore Review .....	0
	15
<b>Third Year</b>	
††Art 394 .....	3
††Art 393 .....	3
††Art Studio <sup>2</sup> .....	3
Foreign Language 101 .....	3
Natural Science <sup>3,G</sup> .....	3
	15
††Art 390, 396, 397, 493 or 494 .....	3
††Art History 443 .....	3
History 102 or 202 <sup>1</sup> .....	3
Foreign Language 102 .....	3
Natural Science <sup>3,G</sup> .....	3
	15
<b>Fourth Year</b>	
Art 490 <sup>6</sup> .....	3
††Art Studio <sup>2</sup> .....	3
Communication 211 <sup>G</sup> .....	3
Social Science Elective <sup>4,G</sup> .....	3
Natural Science <sup>3,G</sup> .....	3
	15
††Art 490 <sup>6</sup> .....	3
Humanities Elective (200+ level) <sup>5</sup> .....	3
Social Science Elective (200+ level) <sup>4,G</sup> .....	3
Music 151 or Theatre 131 <sup>G</sup> .....	3
††Art 492 .....	2
††Art 499 Thesis Exhibition <sup>7</sup> .....	1
	15
<b>Total semester hours required</b>	<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond core courses) is required in a studio area other than that of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

<sup>6</sup>Must have nine hours in a single artistic area before attempting Senior Project.

<sup>7</sup>All degree candidates must present an ambitious body of art work, approved by the Visual Art + Design Faculty, for exhibition in the Graduating Seniors' Exhibition. Students must submit a CD of these works, which will be retained by the department.

**Curriculum in Art  
Leading to the Degree of Bachelor of Arts in Art  
Drawing Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Art 111 .....	3	††Art 112 .....	3
††Art 151 .....	3	††Art 152 .....	3
††Art 105 .....	3	††Art 106 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Library Science 102 .....	1	Mathematics <sup>G</sup> .....	3
Southeastern 101 .....	2		
	15		15

**Second Year**

††Art 117 or 281 .....	3	††Art 231 .....	3
††Art 153 .....	3	††Art Studio <sup>2</sup> .....	3
Communication 211 <sup>G</sup> .....	3	††Art History (300-400 level) .....	3
English 230, 231 or 232 <sup>G</sup> .....	3	English 230, 231, or 232 .....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3	History 101 or 201 <sup>1,G</sup> .....	3
		Art 299 Sophomore Review .....	0
	15		15

**Third Year**

Art 311 .....	3	Art 311 .....	3
Art 217 or 383 .....	3	Art Studio 388 or Art Studio Elective .....	3
History 102 or 202 <sup>1</sup> .....	3	††Art History 443 .....	3
Foreign Language 101 .....	3	Foreign Language 102 .....	3
Natural Science <sup>3,G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
	15		15

**Fourth Year**

Art 411 <sup>6</sup> .....	3	Art 411 <sup>6</sup> .....	3
††Art Studio or Art History (300-400 level) .....	3	Humanities Elective (200+ level) <sup>5</sup> .....	3
††Art Studio <sup>2</sup> .....	3	Social Science Elective (200+ level) <sup>4,G</sup> .....	3
Social Science Elective <sup>4,G</sup> .....	3	Music 151 or Theatre 131 <sup>G</sup> .....	3
Natural Science <sup>3,G</sup> .....	3	††Art 492 .....	2
		††Art 499 Thesis Exhibition <sup>7</sup> .....	1
	15		15

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond the core course) is required in a studio area other than that of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>Anthropology, Criminal Justices, Economics, Geography Sociology, Political Science, and Psychology.

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

<sup>6</sup>Must have nine hours in a single artistic area before attempting Senior Project.

<sup>7</sup>All degree candidates must present an ambitious body of art work, approved by the Visual Art + Design Faculty, for exhibition in the Graduating Seniors' Exhibition. Students must submit a CD of these works, which will be retained by the department.

**Curriculum in Art  
Leading to the Degree of Bachelor of Arts in Art  
Painting Concentration**

<b>First Year</b>		S.H.	<b>Second Semester</b>		S.H.
<b>FIRST SEMESTER</b>					
††Art 111 .....	3		††Art 112 .....	3	
††Art 151 .....	3		††Art 152 .....	3	
††Art 105 .....	3		††Art 106 .....	3	
English 101 or 121H or 123H <sup>6</sup> .....	3		English 102 or 122H or 124H <sup>6</sup> .....	3	
Library Science 102 .....	1		Mathematics <sup>6</sup> .....	3	
Southeastern 101 .....	2				
	15			15	
<b>Second Year</b>					
††Art 281 .....	3		††Art 231 .....	3	
††Art 153 .....	3		††Art Studio <sup>2</sup> .....	3	
Communication 211 <sup>6</sup> .....	3		††Art History (300-400 level) .....	3	
English 230, 231, or 232 <sup>6</sup> .....	3		English 230, 231, or 232 .....	3	
Mathematics or Analytical Reasoning <sup>6</sup> .....	3		History 101 or 201 <sup>1,6</sup> .....	3	
			Art 299 Sophomore Review .....	0	
	15			15	
<b>Third Year</b>					
Art 383 .....	3		Art 384 .....	3	
Art 117 .....	3		Art 311 or 388 .....	3	
History 102 or 202 <sup>1</sup> .....	3		††Art History 443 .....	3	
Foreign Language 101 .....	3		Foreign Language 102 .....	3	
Natural Science <sup>3,6</sup> .....	3		Natural Science <sup>3,6</sup> .....	3	
	15			15	
<b>Fourth Year</b>					
Art 483 <sup>6</sup> .....	3		Art 483 <sup>6</sup> .....	3	
††Art Studio or Art History (300-400 level) .....	3		Humanities Elective (200+ level) <sup>5</sup> .....	3	
††Art Studio <sup>2</sup> .....	3		Social Science Elective (200+ level) <sup>4,6</sup> .....	3	
Social Science Elective <sup>4,6</sup> .....	3		Music 151 or Theatre 131 <sup>6</sup> .....	3	
Natural Science <sup>3,6</sup> .....	3		††Art 492 .....	2	
			††Art 499 Thesis Exhibition <sup>7</sup> .....	1	
	15			15	
<b>Total semester hours required</b>					<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>6</sup>General Education Courses

††Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond the core course) is required in a studio area other than that of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

<sup>6</sup>Must have nine hours in a single artistic area before attempting Senior Project.

<sup>7</sup>All degree candidates must present an ambitious body of art work, approved by the Visual Art + Design Faculty, for exhibition in the Graduating Seniors' Exhibition. Students must submit a CD of these works, which will be retained by the department.

**Curriculum in Art  
Leading to the Degree of Bachelor of Arts in Art  
Photography Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Art 111 .....	3	††Art 112 .....	3
††Art 151 .....	3	††Art 152 .....	3
††Art 105 .....	3	††Art 106 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Library Science 102 .....	1	Mathematics <sup>G</sup> .....	3
Southeastern 101 .....	2		
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15

**Second Year**

††Art 122 .....	3	††Art 123 .....	3
††Art 153 .....	3	††Art 231 .....	3
Communication 211 <sup>G</sup> .....	3	††Art 117 or 281 .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	English 230, 231, or 232 .....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3	History 101 or 201 <sup>1,G</sup> .....	3
		Art 299 Sophomore Review .....	0
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15

**Third Year**

††Art 221 .....	3	††Art 321 .....	3
††Art History 443 .....	3	††Art 347 or Art History (300-400 level) .....	3
††Art Studio <sup>2</sup> .....	3	History 102 or 202 <sup>1</sup> .....	3
Foreign Language 101 .....	3	Foreign Language 102 .....	3
Natural Science <sup>3,G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15

**Fourth Year**

††Art 421 <sup>6</sup> .....	3	††Art 421 <sup>6</sup> .....	3
††Art Studio or Art History (300-400 level) .....	3	Humanities Elective (200+ level) <sup>5</sup> .....	3
Art Studio <sup>2</sup> .....	3	Social Science Elective (200+ level) <sup>4,G</sup> .....	3
Social Science Elective <sup>4,G</sup> .....	3	Music 151 or Theatre 131 <sup>G</sup> .....	3
Natural Science Elective <sup>3,G</sup> .....	3	††Art 492 .....	2
		††Art 499 Thesis Exhibition <sup>7</sup> .....	1
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond the core courses) is required in a studio area other than that of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

<sup>6</sup>Must have nine hours in a single artistic area before attempting Senior Project.

<sup>7</sup>All degree candidates must present an ambitious body of art work, approved by the Visual Art + Design Faculty, for exhibition in the Graduating Seniors' Exhibition. Students must submit a CD of these works, which will be retained by the department.

**Curriculum in Art  
Leading to the Degree of Bachelor of Arts in Art  
Printmaking Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Art 111 .....	3	††Art 112 .....	3
††Art 151 .....	3	††Art 152 .....	3
††Art 105 .....	3	††Art 106 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Library Science 102 .....	1	Mathematics <sup>G</sup> .....	3
Southeastern 101 .....	2		
	15		15

**Second Year**

Art 117 .....	3	Art 217 or 218.....	3
††Art 153 .....	3	††Art 231 .....	3
Communication 211 <sup>G</sup> .....	3	††Art 281 .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	English 230, 231, or 232.....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3	History 101 or 201 <sup>1,G</sup> .....	3
		Art 299 Sophomore Review.....	0
	15		15

**Third Year**

††Art 317 or 318 .....	3	††Art 317 or 319 or 397 .....	3
††Art History 443 .....	3	††Art History (300-400 level).....	3
††Art Studio <sup>2</sup> .....	3	History 102 or 202 <sup>1</sup> .....	3
Foreign Language 101 .....	3	Foreign Language 102 .....	3
Natural Science <sup>3,G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
	15		15

**Fourth Year**

Art 417 <sup>6</sup> .....	3	Art 417 <sup>6</sup> .....	3
††Art Studio or Art History (300-400 level) .....	3	Humanities Elective (200+ level) <sup>5</sup> .....	3
††Art Studio <sup>2</sup> .....	3	Social Science Elective (200+ level) <sup>4,G</sup> .....	3
Social Science Elective <sup>4,G</sup> .....	3	Music 151 or Theatre 131 <sup>G</sup> .....	3
Natural Science <sup>3,G</sup> .....	3	††Art 492.....	2
		Art 499 Thesis Exhibition <sup>7</sup> .....	1
	15		15

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond the core courses) is required in a studio area other than that of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

<sup>6</sup>Must have nine hours in a single artistic area before attempting Senior Project.

<sup>7</sup>All degree candidates must present an ambitious body of art work, approved by the Visual Art + Design Faculty, for exhibition in the Graduating Seniors' Exhibition. Students must submit slides or CD of these works, which will be retained by the department.

**Curriculum in Art  
Leading to the Degree of Bachelor of Arts in Art  
Sculpture Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Art 111 .....	3	††Art 112 .....	3
††Art 151 .....	3	††Art 152 .....	3
††Art 105 .....	3	††Art 106 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Library Science 102 .....	1	Mathematics <sup>G</sup> .....	3
Southeastern 101 .....	2		
	15		15

**Second Year**

††Art 153 .....	3	††Art 231 .....	3
††Art 117 or 281 .....	3	††Art Studio <sup>2</sup> .....	3
Communication 211 <sup>G</sup> .....	3	Music 151 or Theatre 131 <sup>G</sup> .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	English 230, 231, or 232 .....	3
Mathematics or Analytical Reasoning <sup>G</sup> .....	3	History 101 or 201 <sup>1,G</sup> .....	3
		Art 299 Sophomore Review .....	0
	15		15

**Third Year**

Art 333 .....	3	Art 334 or Art 393 .....	3
††Art History 443 .....	3	††Art History (300-400 level) .....	3
††Art Studio <sup>3</sup> .....	3	History 102 or 202 <sup>1</sup> .....	3
Foreign Language 101 .....	3	Foreign Language 102 .....	3
Natural Science <sup>3,G</sup> .....	3	Natural Science <sup>3,G</sup> .....	3
	15		15

**Fourth Year**

Art 434 .....	3	Art 434 .....	3
††Art Studio or Art History (300-400 level) .....	3	Art 433 <sup>6</sup> .....	3
Art 311 .....	3	Social Science Elective (200+ level) <sup>4,G</sup> .....	3
Social Science Elective <sup>4,G</sup> .....	3	Humanities Elective (200+ level) <sup>5</sup> .....	3
Natural Science <sup>3,G</sup> .....	3	††Art 492 .....	2
		Art 499 Thesis Exhibition <sup>7</sup> .....	1
	15		15

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Must be in a two-semester sequence (i.e. 101-102 or 201-202).

<sup>2</sup>A two-semester sequence (beyond core courses) is required in a studio area other than that of the area of the concentration.

<sup>3</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>4</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>5</sup>To be selected from Foreign Languages (including Mythology), Philosophy, History, Speech Communication, or Literature.

<sup>6</sup>Must have nine hours in a single artistic area before attempting Senior Project.

<sup>7</sup>All degree candidates must present an ambitious body of art work, approved by the Visual Art + Design Faculty, for exhibition in the Graduating Seniors' Exhibition. Students must submit a CD of these works, which will be retained by the department.

**Curriculum in Art  
Leading to the Degree of Bachelor of Arts in Art  
Theatre Design Concentration**

<b>First Year</b>		S.H.	<b>Second Semester</b>		S.H.
FIRST SEMESTER					
††Art 111 .....	3		††Art 112 .....	3	
††Art 151 .....	3		††Art 152 .....	3	
††Art 105 .....	3		††Art 106 .....	3	
Mathematics <sup>G</sup> .....	3		English 101, 121H, or 123H <sup>G</sup> .....	3	
Library Science 102 .....	1		††Theatre 131 .....	3	
Southeastern 101 .....	2				
	15			15	
<b>Second Year</b>					
English 102, 122H, or 124H <sup>G</sup> .....	3		††Art 117 or 281 .....	3	
††Art 153 .....	3		††Art 231 .....	3	
††Theatre 231 .....	3		††Theatre 333 .....	3	
Natural Science <sup>G</sup> .....	3		English Literature <sup>G</sup> .....	3	
History <sup>G</sup> .....	3		Mathematics / Analytical Reasoning <sup>G</sup> .....	3	
	15		Art 299 Sophomore Review .....	0	
				15	
<b>Third Year</b>					
††Art 333 or 393 .....	3		††Theatre 337 .....	3	
††Theatre 234 .....	3		††Art History 443 .....	3	
††Theatre 433 .....	3		History .....	3	
Foreign Language 101 .....	3		Foreign Language 102 .....	3	
English Literature .....	3		Natural Science <sup>1,G</sup> .....	3	
	15			15	
<b>Fourth Year</b>					
††Theatre 431 .....	3		††Art History (300-400 level) .....	3	
††Art 433 Senior Projects <sup>3</sup> .....	3		Music 151 <sup>G</sup> .....	3	
Elective .....	3		Foreign Language (200+) or Phil or COMM <sup>G</sup> ..	3	
Social Science Elective <sup>2,G</sup> .....	3		Social Behavioral Sciences <sup>2,G</sup> .....	3	
Natural Science <sup>1,G</sup> .....	3		††Art 492 Senior Seminar .....	2	
	15		††Art 499 Thesis Exhibition .....	1	
				15	
Total semester hours required					120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major course. Requires a grade of "C" or better in all courses in the major.

<sup>1</sup>Natural Sciences to include both Physical and Biological Sciences, at least 6 hours of which must be in a two-semester sequence.

<sup>2</sup>Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>3</sup>Must have nine hours in area of concentration before attempting Senior Project.

All degree candidates must present an ambitious body of art work, approved by Faculty of the Department of Visual Art + Design, for exhibition in the Graduating Seniors' Exhibition. Students must submit an electronic copy of images of works, which will be retained by the department.

### Concentration in Art Education

Students seeking a Concentration in Art Education are required to become competent in studio art and art history as well as acquire the theoretical knowledge and practical skills necessary to become a proficient art teacher. The student will be prepared to teach art in elementary and secondary schools, recreational programs, parks, camps, and other special educational situations.

The Concentration in Art Education consists of fifty-four semester hours of course work in Visual Art + Design. Students must meet the following guidelines to graduate:

1. A grade of "C" or better is required of art education students in all art courses.
2. All sophomores must participate in Art 299 Sophomore Review. The review will take place in the semester following completion of 45 curriculum hours.

#### Curriculum in Art Leading to the Degree of Bachelor of Arts in Art Art Education Concentration

<b>First Year</b>			
FIRST SEMESTER	S.H	SECOND SEMESTER	S.H.
††Art 105 .....	3	††Art 112 .....	3
††Art 111 .....	3	††Art 152 .....	3
††Art 151 .....	3	††English 102 or 122H or 124H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Mathematics 241, 162, 163, 165 or 185 <sup>G</sup> .....	3
Mathematics 151/161 <sup>G</sup> .....	3	††Art 106 .....	3
Southeastern 101 .....	2	History 101/201H <sup>G</sup> .....	3
	<hr/>		<hr/>
	17		18
<b>Second Year</b>			
††Art 160, 161 or 190 .....	3	††Art 117 or 281 .....	3
††Art 153 .....	3	††Art 231 .....	3
††Art 115 or 122 .....	3	Art 299 <sup>3</sup> .....	0
English 230, 231, or 232 <sup>G</sup> .....	3	Science <sup>2,G</sup> .....	3
Science <sup>2,G</sup> .....	3	Communication 210 <sup>G</sup> .....	3
††Education 202 .....	3	Psychology 101 <sup>G</sup> .....	3
	<hr/>	MUS 151, THEA 131, or DNC 302, or HONR 191 <sup>G</sup> ..	3
	18		<hr/>
			18
<b>Third Year</b>			
††Art Studio <sup>1</sup> (200-level) .....	3	††Art 443 .....	3
Art 373 .....	3	Art 374 .....	3
††Art 440 or 442 .....	3	Art 300-level <sup>1</sup> .....	3
†Education 316 .....	3	Science <sup>2,G</sup> .....	3
Social Science Elective <sup>G</sup> .....	3	†Education 472 .....	3
	<hr/>	†Special Education 200 .....	3
	15		<hr/>
			18
<b>Fourth Year</b>			
††Art 400-level .....	3	Education 486 .....	9
†Education 453 .....	6		
†Education 485 .....	3		
	<hr/>		<hr/>
	12		9
Total Semester hours required			<hr/>
			125

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.



<sup>9</sup>General Education Courses

Requires a grade of "C" or better.

<sup>10</sup>Requires a grade of "B" or better.

<sup>11</sup>Major courses requiring a grade of "C" or better.

<sup>1</sup>Art electives may be chosen from painting, drawing, sculpture, new media and animation art, graphic design, ceramics, printmaking or photography.

<sup>2</sup>Students must complete a minimum of 6 hours in a two-semester sequence of biological science plus a physical science or a two-semester sequence of a physical science plus a biological science.

<sup>3</sup>All Sophomores must complete Art 299 Sophomore Review.

<sup>4</sup>All Art Education degree candidates have the option to submit art works for the Graduating Senior's Exhibition. To participate in the exhibition, students must present in digital or slide format an ambitious body of artwork, approved by the Visual Arts Faculty. The department recommends that students participate the same semester in which they enroll in the Senior Project.

## General Studies Program

Rebecca Hite, *Director*

The General Studies Program provides students with educational opportunities, experiences, and career direction to meet their professional and academic goals. An interdisciplinary degree is often highly desirable in a rapidly changing world and provides greater flexibility in creating a curriculum for an undergraduate degree. The purpose of the degree program is (1) to provide flexibility to students with broad interests, (2) to offer an option to those with new interests or those changing their majors late in their academic careers, and (3) to prepare students for entry into graduate and professional programs.

### General Studies Degree Program

The Bachelor of General Studies degree affords broader course choices than are available in traditional majors. Status as a General Studies major requires a curriculum plan created by the student and a faculty advisor in the General Studies Program. The degree is based on the conditions and requirements listed below:

1. A minimum of 120 semester hours of academic work with a minimum degree grade point average (cumulative and Southeastern) of 2.0.
2. Completion of the General Studies Core Curriculum requirements:
 

English Composition (English 101 and 102) <sup>6</sup> .....	6 hours
English Literature Elective <sup>6</sup> .....	3 hours
Mathematics/Analytical Reasoning (at least 3 hours in Mathematics) <sup>6</sup> .....	6 hours
Natural Sciences (must include physical and Biological sciences and must include a two-semester sequence) <sup>6</sup> .....	9 hours
History Elective <sup>6</sup> .....	3 hours
Arts (Music, Visual Arts, Dance, Theatre) <sup>6</sup> .....	3 hours
Speech Communication Elective <sup>6</sup> .....	3 hours
Electives from Anthropology, Criminal Justice, Economics, Geography, Political Science Psychology, Sociology <sup>6</sup> .....	6 hours
Career Planning 304 .....	3 hours
<b>Total</b> .....	<b>42 hours</b>
3. Consultation with a General Studies faculty advisor to ensure completion of course work as outlined below:

Major Concentration: 30 hours from one of the concentration groups 1-5.

- 2.0 degree GPA required
- 15 hours must be completed at Southeastern
- 15 of these 30 hours must be at or above the 300-level
- Students choosing a major concentration in Group 1 or 2 must complete 6 hours of one foreign language either as elective hours or as part of a concentration. Students pursuing major concentrations in groups 4 and 5 must complete 6 hours of one foreign language, or 6 hours of Computer Science, or 6 hours of Business as elective hours or as part of a concentration.

Minor Concentration 1: 15 hours in a second concentration group below

Minor Concentration 2: 15 hours in a third concentration group below

Electives: 18 elective hours in additional courses that will enhance knowledge and enrich skills

Notes:

- A total of 36 hours of the degree program **must** be at or above the 300-level.
- No more than 30 hours of course work in Marketing, Management, Economics, Finance, Accounting, or Business courses may be applied to this degree program.
- Students must complete all general degree requirements for the University.

<b>Group 1 – Arts and Humanities</b>		
Applied Music Music English Humanities	Cultural Resource Management Theatre Foreign Language Mythology	Dance History Philosophy Visual Arts
<b>Group 2 – Natural Sciences</b>		
Botany General Biology Physics	Chemistry Mathematics Zoology	Earth and Space Science Microbiology
<b>Group 3 – Applied Sciences</b>		
Computer Science Family and Consumer Science Occupational Safety, Health, and Environment	Construction Technology Horticulture Industrial Technology Process Technology	Design Drafter Technology Nursing Safety Education Health Systems Management
<b>Group 4 – Behavioral Sciences</b>		
Anthropology Psychology	Criminal Justice Sociology	Political Science
<b>Group 5 – Applied Behavioral Sciences</b>		
Athletic Training Communication Science Disorders Social Work	Coaching Education Health Studies Special Education	Communication Geography Kinesiology
<b>Group 6 - Business</b>		
Accounting Finance	Business Technology (GBBT) Management	Economics Marketing

4. If a student wishes to earn more than one baccalaureate degree, one of which is a Bachelor of General Studies, the major concentration group in the General Studies degree cannot contain courses in the same subject as the major of any other baccalaureate degree earned.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or the General Studies Program Director.

**Curriculum in General Studies  
Leading to the Degree of Bachelor of General Studies**

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Arts <sup>G</sup> .....	3	Speech Communication Elective <sup>3,G</sup> .....	3
Mathematics <sup>G</sup> .....	3	Mathematics/Analytical Reasoning <sup>G</sup> .....	3
*Major Concentration .....	6	Social Science Elective <sup>1,G</sup> .....	3
Southeastern 101 .....	2	History Elective <sup>G</sup> .....	3
	17		15
<b>Second Year</b>			
Literature <sup>G</sup> .....	3	Natural Science <sup>2,G</sup> .....	3
Natural Science <sup>2,G</sup> .....	3	*Major Concentration .....	6
*Major Concentration .....	6	Minor Concentration A .....	3
Social Science Elective <sup>1,G</sup> .....	3	Minor Concentration B .....	3
	15		15
<b>Third Year</b>			
Natural Science <sup>2,G</sup> .....	3	*Major Concentration .....	6
*Major Concentration .....	6	Minor Concentration A .....	3
Minor Concentration A .....	3	Minor Concentration B .....	3
Minor Concentration B .....	3	Elective .....	3
	15		15
<b>Fourth Year</b>			
*Major Concentration .....	6	Minor Concentration A .....	3
Minor Concentration B .....	3	Electives .....	10
Elective .....	3		
Career Elective .....	3		
	15		13
Total semester hours required			120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

<sup>1</sup>Major course.

<sup>3</sup>Social Science Electives must be chosen from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, or Sociology.

<sup>2</sup>Must be chosen from both Biological and Physical Science. Two of the courses must be in a two-course sequence.

<sup>\*</sup>Must be chosen from the following: COMM 210, COMM 211, COMM 213, COMM 215, COMM 270, COMM 316, COMM 371, COMM 375, COMM 378, COMM 410, COMM 411, COMM 413, COMM 418, COMM 433, COMM 465, COMM 467, COMM 471, COMM 475.

# The College of Business

Antoinette Phillips, *Dean*  
Jay Johnson, *Assistant Dean*

## Degree Requirements

The College of Business is composed of the Departments of Accounting and Finance, Management and Business Administration, and Marketing and Supply Chain Management. Specific curricula leading to degrees have been designed by each department in the College. The curricula have been structured within the framework of the University requirements for graduation found elsewhere in this catalogue.

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Accounting and business programs in the College of Business are accredited by the Association to Advance Collegiate Schools of Business International (AACSB).

As part of the College of Business graduation requirements, each student must complete a general education core requirement and a College of Business core requirement. These requirements are listed below:

### General Education Core Requirements for the College of Business

- Biological Science
- Communication 211
- English 101
- English 102
- English 230, 231, or 232
- History Elective
- Mathematics 105 or 151/161
- Mathematics 241
- Physical Science
- Second Natural Science Sequence
- Social/Behavioral Sciences (fulfilled by Economics classes required in the Business Core)
- Visual Arts, Music, Dance, or Theatre Elective

### Business Core Requirements for Accounting and Finance, Management and Business Administration, and Marketing and Supply Chain Management

- Accounting 200
- Accounting 225 (Accounting majors take Accounting 331)
- Business Law 231 or 234
- Economics 201
- Economics 202
- Finance 381
- Management 101
- Management 240
- Management 351
- Management 425
- Management 464
- Marketing 303
- Operations Management and Information Systems 210
- Operations Management and Information Systems 320
- Operations Management and Information Systems 350
- Operations Management and Information Systems 430

At least 50 percent of the business credit hours required for degrees in Accounting, Business Administration, Finance, Management, Marketing and Supply Chain Management must be earned at Southeastern Louisiana University.

No student majoring in degree programs in other colleges will be allowed to receive academic credit for more than 30 hours of course work in the College of Business.

## Degrees Granted

Upon successful completion of the appropriate curriculum, one of the degrees listed below will be awarded:

- Bachelor of Science
  - Accounting
  - Finance
  - Supply Chain Management
- Bachelor of Arts
  - Management
  - Marketing
- Bachelor of Business Administration

## Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

## Professional Societies

### Beta Alpha Psi

Beta Alpha Psi is the national accounting honorary and professional fraternity. The purposes of the organization are (a) to encourage overall academic achievement and specifically the achievement of high standards in the field of accounting; (b) to sponsor professional development programs for students and faculty of the Department of Accounting and Finance; and (c) to promote, through fraternal activities, the association of accounting students and professional accountants. Beta Alpha Psi is an integral part of the instructional program in accounting.

The Theta Eta Chapter of Beta Alpha Psi received its national charter in 1993. The organization was formerly known as Sigma Chi Alpha Accounting Honor Society and was organized in 1966.

Membership in Beta Alpha Psi requires the satisfactory completion of a pledge period for students who have met the following criteria:

1. Accounting major with junior standing or above.
2. Grade point average of 3.00 or better, or have a 3.25 grade point average on the most recent 30 hours of course work completed.
3. Minimum of 6 semester hours of accounting courses numbered 221 or above.
4. Grade point average of 3.25 or above in all accounting courses.
5. All accounting courses taken at Southeastern Louisiana University or transferred from another university with approval of Department of Accounting and Finance Head.
6. Candidate of good moral character.
7. Membership approved by Accounting faculty and members.

### Beta Gamma Sigma

Beta Gamma Sigma is a national scholastic honor society dedicated to principles and ideals essential to a worthy life as well as to a commendable business career. Only a college of business accredited by the Association to Advance Collegiate Schools of Business – International (AACSB) is permitted to maintain a member chapter. Membership is by invitation and only open to business students who are in one of the following categories:

1. The top 7 percent of the junior class.
2. The top 10 percent of the senior class.
3. The top 20 percent of the MBA class.

### Financial Management Association (FMA)

The Financial Management Association is an international organization whose mission is to broaden the common interests between academicians and practitioners; provide opportunities for professional

interaction between and among academicians, practitioners, and students; and to enhance the quality of education in finance. The Southeastern FMA chapter, organized in 1966, is open to all majors. Activities include guest speakers from the local business community, tutors for beginning finance students, and social activities.

### **Institute for Supply Chain Management (ISM)**

The Institute for Supply Chain Management is one of the largest and most respected supply chain management associations in the world. It exists to lead and serve the profession through its standards of excellence, research, promotional activities and education. The Southeastern ISM chapter was organized in 2010 to enhance and support the quality of education in supply chain management, and is open to all majors. Major activities of the group include field trips to major supply chain-related businesses, presentations by and interaction with professionals in the field at monthly meetings, research projects, and social events.

### **MBA Society**

The Southeastern MBA Society was organized in 1990 to encourage and promote the scholastic, social, and professional growth and development of candidates in the Southeastern Master of Business Administration program. The Society promotes the association between MBA candidates and the business community on a local and national level. Membership is open to all graduate students enrolled in the MBA program at Southeastern.

### **NABA**

Since 1969, the National Association of Black Accountants, Inc. has been the leader in expanding the influence of minority professionals in the field of accounting. The Southeastern chapter of NABA, organized in June of 2005, is open to all accounting and business majors at Southeastern. The purpose of this organization is to promote professional development and recruitment activities through the attendance of members at the Southern Chapter of NABA's regional conference each Fall semester.

### **Phi Beta Lambda**

The Upsilon Alpha Chi Chapter of Phi Beta Lambda was chartered in 1985. The purpose of the organization is to provide opportunities for post-secondary and college students to develop vocational competencies for business, business technology, and communication. PBL is an integral part of the instructional program and promotes a sense of civic responsibility. The specific goals are to develop competent, aggressive business leadership; to strengthen the confidence of students in themselves and their work; to create more interest in and understanding of American business enterprise; to encourage scholarship and promote school loyalty; to assist students in the establishment of goals; and to facilitate the transition from school to work. Phi Beta Lambda is open to all majors.

### **Society for Human Resource Management (SHRM)**

The primary mission of the Society for Human Resource Management (SHRM) is to provide professional and educational opportunities for its members. Key organizational activities include:

- Inviting HR professionals to speak at meetings
- Attending area professional chapter meetings
- Attending state and national SHRM conferences
- Providing shadowing and mentorship opportunities
- Distributing a resume' booklet to local and regional employers

SHRM at Southeastern is sponsored by the Northshore Society for Human Resource Management, a group of HR professionals, and is one of more than 400 student chapters nationwide.

### **Southeastern Accounting Society**

Open to all majors at any classification, the Southeastern Accounting Society has four main objectives:

1. Social – To help students to form relationships that will sustain them through the program and beyond.
2. Mentorship – To provide the opportunity for more experienced students and faculty to guide newer students.

3. Scholarship – To encourage and enable academic success.
4. Professional – To provide information about careers in accounting and the means of achieving them.

**Southeastern Marketing Association (SMA)**

The SMA instills knowledge of current marketing events and strategies to its members through a variety of efforts and works to develop networking opportunities for its members. Field trips to marketing departments in Baton Rouge and Atlanta this year exposed members to leading marketing professionals and their activities. The SMA is a co-sponsor, along with Marketing faculty for the annual Marketing Breakfast held each spring. It also co-sponsors the bi-annual pinning ceremony for all marketing graduates. Our current efforts concentrate on creating networking opportunities with professionals, developing internships and providing career guidance for our members. Further, the SMA provides opportunities for members to hone their leadership and communication skills. It is an exciting time to belong to the SMA and membership is open to all majors. For information, follow us on Facebook or contact any marketing faculty member.



## Department of Accounting and Finance

Robert Braun, *Department Head*

### Major in Accounting

In addition to the general education core requirements, the major program in accounting consists of thirty-six semester hours. These hours include the following: Accounting 200, 215, 221, 312, 313, 315, 331, 341, 407, 411, and six hours of accounting electives to be selected from the following: Accounting 391, 395H, 400, 406, 432, 442, or 444. Requirement for graduation is a 2.2 or better overall degree GPA and a 2.2 or better degree GPA in Accounting.

### Selection and Retention Policies

Excluding progression to Accounting 225, students (regardless of major) must have a grade of "C" or better in each prerequisite Accounting course taken (Accounting 200, 221, 312, and 313) to progress and a "D" or better in each non-prerequisite Accounting course taken (Accounting 320, 331, 341, 400, 406, 407, 411, 432, and 442). Each accounting course numbered 221 and above (excluding 225) may be repeated only once, excluding course withdrawals. If a student repeats any course numbered 221 or above without obtaining the minimum grade listed above for that particular course, no other Accounting courses numbered 221 or above (excluding 225) may be taken.

The statements in the foregoing paragraph do not override the individual course prerequisites outlined elsewhere in this catalogue. Also, the foregoing language does not reduce the GPA requirements that must be met in order to graduate with a B.S. degree in Accounting. A discussion of these GPA requirements can be found under the "Major in Accounting" section above.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minor in Accounting

A minor in accounting will be given upon the satisfactory completion of eighteen hours of course work in Accounting. The required courses are as follows: Accounting 200, 221, 312, 313, 331, and 341. Students minoring in Accounting must obtain the approval of the Department Head. All rules discussed in the "Selection and Retention Policies" section apply to all students including minors in Accounting.

### CPA Examination Education Requirement

The Louisiana State Board of Public Accountancy (Board) requires a bachelor's degree for an applicant to be eligible to sit for the Uniform Certified Public Accountant Examination. This degree must be from an accredited university recognized by the Board.

Southeastern Louisiana University maintains its accreditation with the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), which is recognized by the Board. The courses required to earn the Bachelor of Science degree in Accounting at Southeastern Louisiana University include all of the courses required to sit for the exam.

Information about the CPA Examination requirements can also be obtained from the Department of Accounting and Finance at Southeastern or from the State Board of Certified Public Accountants of Louisiana.

**Curriculum in Accounting  
Leading to the Degree of Bachelor of Science**

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 <sup>G</sup> .....	3	English 102 <sup>G</sup> .....	3
Art, Music, Dance or Theatre Elective <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
Biological Science <sup>G</sup> .....	3	Physical Science <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	History Elective <sup>G</sup> .....	3
Southeastern 101.....	2	Economics 201 <sup>G</sup> .....	3
Management 101.....	1		
	15		15
<b>Second Year</b>			
†Accounting 200.....	3	†Accounting 221.....	3
Second Natural Science Sequence <sup>G</sup> .....	3	Operations Mgmt. & Info. Systems 210.....	3
Economics 202 <sup>G</sup> .....	3	Accounting 215.....	3
Mathematics 241 <sup>G</sup> .....	3	Business Law 234.....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Management 240.....	3
	15		15
<b>Third Year</b>			
†Accounting 312.....	3	†Accounting 313.....	3
†Accounting 331.....	3	†Accounting 315.....	3
Operations Mgmt. & Info. Systems 350.....	3	Marketing 303.....	3
Management 351.....	3	Operations Mgmt. & Info. Systems 320.....	3
Finance 381.....	3	Operations Mgmt. & Info. Systems 380.....	3
	15		15
<b>Fourth Year</b>			
†Accounting 407.....	3	Economics 333.....	3
†Accounting 341.....	3	†Accounting 411.....	3
Operations Mgmt. & Info. Systems 430.....	3	†Accounting Elective <sup>1</sup> .....	3
†Accounting Elective <sup>1</sup> .....	3	Management 464.....	3
Management 425.....	3	Business Law 333.....	3
	15		15
Total semester hours required			120

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>G</sup>General Education Courses

<sup>1</sup>Accounting electives must be chosen from Accounting 395H, 391 (3 hours only), 400, 406, 432, 442, or 444.

<sup>†</sup>Major Course.

## Major in Finance

The major in Finance leads to the degree of Bachelor of Science in Finance.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minor in Finance

Students from other departments of the University may minor in Finance. The minor in Finance consists of Finance 381, 401, 451 and nine hours of 300+ Finance electives. Students minoring in Finance must obtain the approval of the Department Head.

### Curriculum in Finance Leading to the Degree of Bachelor of Science

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Biological Science <sup>G</sup> .....	3	Communications 211 <sup>G</sup> .....	3
English 101 <sup>G</sup> .....	3	English 102 <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Art, Music, Dance or Theatre Elective <sup>G</sup> .....	3	Physical Science <sup>G</sup> .....	3
Southeastern 101.....	2	History Elective <sup>G</sup> .....	3
Management 101.....	1		
	<hr/> 15		<hr/> 15

#### Second Year

Accounting 200.....	3	†Accounting 221 or 225.....	3
Economics 201 <sup>G</sup> .....	3	Economics 202 <sup>G</sup> .....	3
Mathematics 163 or Management 220.....	3	English 230, 231, or 232 <sup>G</sup> .....	3
Business Law 231.....	3	Operations Mgmt. & Info. Systems 210.....	3
Second Natural Science Sequence <sup>G</sup> .....	3	Management 240.....	3
	<hr/> 15		<hr/> 15

#### Third Year

Econ/Accounting/Finance Elective (300+).....	3	†Finance 382.....	3
†Finance 381.....	3	†Finance 383.....	3
Management 351.....	3	†Finance 384.....	3
Marketing 303.....	3	Operations Mgmt. & Info. Systems 350.....	3
Operations Mgmt. & Info. Systems 320.....	3	Elective.....	3
	<hr/> 15		<hr/> 15

#### Fourth Year

†Finance 451.....	3	†Finance 401.....	3
†Finance 495 or Finance 391.....	3	†Finance 447.....	3
Management 425.....	3	†Finance 452.....	3
Operations Mgmt. & Info. Systems 430.....	3	Management 464.....	3
Elective.....	3	†Finance 499.....	3
	<hr/> 15		<hr/> 15

Total semester hours required 120

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>6</sup>General Education Courses

<sup>7</sup>Major course. These courses will be used to calculate the major grade point average, which must be at least 2.0.

## Department of Management and Business Administration

Sang Lee, *Department Head*

### Major in Management

In addition to fulfilling general education core requirements, students must complete 36 semester hours of major core courses. Majors must complete 15 semester hours in one of the concentration areas.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minor in Management

Students from other departments who desire to minor in Management may do so by successfully completing 18 semester hours selected from the following courses: Management 351, 375, 420, 430, 435, 440, 457, 471, 472, 473, 475, 476, 478, and 485. Students minoring in Management must obtain the approval of the Department Head.

### Minor in Administrative Supervision

Students enrolled in the University, other than business majors, may minor in Administrative Supervision within the Department of Management and Business Administration. The Administrative Supervision minor consists of Management 240, Management 351, Management 471, Management 473, Accounting 200, and Marketing 314.

### Curriculum in Management Leading to the Degree of Bachelor of Arts Entrepreneurship and Small Business Management Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Biological Science <sup>G</sup> .....	3	Management 210 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Psychology or Sociology <sup>G</sup> .....	3	Physical Science <sup>G</sup> .....	3
Southeastern 101 .....	2	Visual Art, Dance, Music, or Thea Elective <sup>G</sup> ... 3	3
Management 101 .....	1		
	15		15

#### Second Year

Accounting 200.....	3	Accounting 225 .....	3
Economics 201 <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Economics 202 .....	3
†Business Law 231 .....	3	†Management 240 .....	3
Second Natural Science Sequence <sup>G</sup> .....	3	Operations Mgmt. & Info. Systems 210.....	3
	15		15

#### Third Year

History Elective <sup>G</sup> .....	3	Elective.....	3
Finance 381 .....	3	Economics 333 .....	3

Operations Mgmt. & Info. Systems 320 .....	3	†Management 375 <sup>1</sup> .....	3
†Management 351 .....	3	†Marketing 321 <sup>1</sup> .....	3
Marketing 303.....	3	Operations Mgmt. & Info. Systems 350.....	3
	<hr/> 15		<hr/> 15

**Fourth Year**

Elective .....	3	Elective.....	3
†Management 391, 472, or 478 <sup>1</sup> .....	3	†Management Elective (300 or 400 level) <sup>1</sup> .....	3
†Management 425 .....	3	†Management 464 .....	3
†Management 471 .....	3	†Management 473 .....	3
Operations Mgmt. & Info. Systems 430 .....	3	†Management 485 <sup>1</sup> .....	3
	<hr/> 15		<hr/> 15

Total semester hours required 120

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>G</sup>General Education Courses

<sup>1</sup>Concentration course.

<sup>†</sup>Major course. These courses will be used to calculate the major grade point average, which must be an adjusted or degree 2.0 grade point average.

**Curriculum in Management  
Leading to the Degree of Bachelor of Arts  
General Management Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Biological Science <sup>G</sup> .....	3	Management 210 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Psychology or Sociology <sup>G</sup> .....	3	Physical Science <sup>G</sup> .....	3
Southeastern 101 .....	2	Visual Art, Dance, Music, or Thea Elective <sup>G</sup> ... 3	3
Management 101 .....	1		
	<hr/> 15		<hr/> 15

**Second Year**

Accounting 200 .....	3	Accounting 225 .....	3
Economics 201 <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Economics 202 .....	3
†Business Law 231 .....	3	†Management 240 .....	3
Second Natural Science Sequence <sup>G</sup> .....	3	Operations Mgmt. & Info. Systems 210.....	3
	<hr/> 15		<hr/> 15

**Third Year**

Finance 381 .....	3	Elective.....	3
Operations Mgmt. & Info. Systems 320 .....	3	Economics 333 .....	3
†Management 351 .....	3	†Management Elective (300 or 400 level) <sup>1</sup> .....	3
Marketing 303.....	3	†Management Elective (300 or 400 level) <sup>1</sup> .....	3
History Elective <sup>G</sup> .....	3	Operations Mgmt. & Info. Systems 350.....	3
	<hr/> 15		<hr/> 15

**Fourth Year**

Elective .....	3	Elective.....	3
†Management Elective (300 or 400 level) <sup>1</sup> .....	3	†Management Elective (300 or 400 level) <sup>1</sup> .....	3
†Management 425 .....	3	†Management Elective (300 or 400 level) <sup>1</sup> .....	3
†Management 471 .....	3	†Management 464 .....	3

Operations Mgmt. & Info. Systems 430 .....	3	†Management 473 <sup>1</sup> .....	3
	15		15

Total semester hours required 120

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>G</sup>General Education Courses

<sup>1</sup>Concentration course.

<sup>†</sup>Major course. These courses will be used to calculate the major grade point average, which must be an adjusted or degree 2.0 grade point average.

**Curriculum in Management  
Leading to the Degree of Bachelor of Arts  
Human Resource Management Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Biological Science <sup>G</sup> .....	3	Management 210 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Psychology or Sociology <sup>G</sup> .....	3	Physical Science <sup>G</sup> .....	3
Southeastern 101 .....	2	Visual Art, Dance, Music, or Thea Elective <sup>G</sup> ...	3
Management 101 .....	1		
	15		15

**Second Year**

Accounting 200 .....	3	Accounting 225 .....	3
Economics 201 <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Economics 202 .....	3
†Business Law 231 .....	3	†Management 240 .....	3
Second Natural Science Sequence <sup>G</sup> .....	3	Operations Mgmt. & Info. Systems 210 .....	3
	15		15

**Third Year**

Finance 381 .....	3	Elective .....	3
Operations Mgmt. & Info. Systems 320 .....	3	Economics 333 .....	3
†Management 351 .....	3	†Management 471 .....	3
Marketing 303 .....	3	Elective .....	3
History Elective <sup>G</sup> .....	3	Operations Mgmt. & Info. Systems 350 .....	3
	15		15

**Fourth Year**

Elective .....	3	†Management 457 <sup>1</sup> .....	3
†Management 425 .....	3	†Management 391, 472, or 478 <sup>1</sup> .....	3
†Management 440 <sup>1</sup> .....	3	†Management 464 .....	3
†Management 475 <sup>1</sup> .....	3	†Management 473 .....	3
Operations Mgmt. & Info. Systems 430 .....	3	†Management 476 <sup>1</sup> .....	3
	15		15

Total semester hours required 120

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>G</sup>General Education Courses

<sup>1</sup>Concentration course.

<sup>†</sup>Major course. These courses will be used to calculate the major grade point average, which must be an adjusted or degree 2.0 grade point average.

**Curriculum in Management  
Leading to the Degree of Bachelor of Arts  
International Management Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Biological Science <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Management 210.....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Psychology or Sociology <sup>G</sup> .....	3	Physical Science <sup>G</sup> .....	3
Southeastern 101.....	2	Visual Art, Dance, Music or Thea Elective <sup>G</sup> ....	3
Management 101.....	1		
	15		15

**Second Year**

Accounting 200.....	3	Accounting 225.....	3
Economics 201 <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Economics 202.....	3
<sup>†</sup> Business Law 231.....	3	<sup>†</sup> Management 240.....	3
Second Natural Science <sup>G</sup> .....	3	Operations Mgmt. & Info. Systems 210.....	3
	15		15

**Third Year**

Finance 381.....	3	Economic 333.....	3
Operations Mgmt. & Info. Systems 320.....	3	Elective.....	3
<sup>†</sup> Management 351.....	3	<sup>†</sup> Management 425.....	3
Marketing 303.....	3	<sup>†</sup> Management 471.....	3
History Elective <sup>G</sup> .....	3	Operations Mgmt. & Info. Systems 350.....	3
	15		15

**Fourth Year**

Elective.....	3	Elective.....	3
<sup>†</sup> Foreign Language Elective <sup>1,2</sup> .....	3	<sup>†</sup> Foreign Language Elective <sup>1,2</sup> .....	3
<sup>†</sup> Management 430 or Economics 430 <sup>1</sup> .....	3	<sup>†</sup> Management 420 <sup>1</sup> .....	3
<sup>†</sup> Management 435 <sup>1</sup> .....	3	<sup>†</sup> Management 464.....	3
Operations Mgmt. & Info. Systems 430.....	3	<sup>†</sup> Management 473.....	3
	15		15

Total semester hours required 120

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>G</sup>General Education Courses

<sup>†</sup>Major course. These courses will be used to calculate the major grade point average, which must be an adjusted or degree 2.0 grade point average

<sup>1</sup>Concentration course

<sup>2</sup>Foreign language electives must be approved by the Department Head of Management and Business Administration and should focus on building language skills.

## Major in Business Administration

The major in Business Administration leads to the degree of Bachelor of Business Administration. Majors may choose a concentration in Economics.



## Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minor in Economics

Students from other departments of the University may minor in Economics. The Economics minor consists of Economics 201 and 202, plus twelve hours of 300+ Economics electives. Students minoring in Economics are required to obtain the approval of the Department Head.

### Curriculum in Business Administration Leading to the Degree of Bachelor of Business Administration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Biological Science <sup>G</sup> .....	3	Physical Science <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Communication 211 <sup>G</sup> .....	3	History Elective <sup>G</sup> .....	3
Southeastern 101.....	2	Vis Art, Music, Dance, or Thea Elective <sup>G</sup> .....	3
Management 101.....	1		
	<hr/> 15		<hr/> 15

#### Second Year

English 230, 231, or 232 <sup>G</sup> .....	3	Management 220.....	3
Second Natural Science <sup>G</sup> .....	3	†Economics 202 <sup>G</sup> .....	3
Accounting 200.....	3	Management 240.....	3
†Economics 201 <sup>G</sup> .....	3	†Business Law 231.....	3
Management 210.....	3	Operations Mgmt. & Info. Systems 210.....	3
	<hr/> 15		<hr/> 15

#### Third Year

†Management 351.....	3	†Finance 381.....	3
†Marketing 303.....	3	Operations Mgmt. & Info. Systems 350.....	3
Economics 333.....	3	Marketing 319.....	3
†Operations Mgmt. & Info. Systems 320.....	3	Elective.....	3
†Accounting 225.....	3	†Business Elective (300+) <sup>1</sup> .....	3
	<hr/> 15		<hr/> 15

#### Fourth Year

Operations Mgmt. & Info. Systems 430.....	3	Management 464.....	3
Management 425.....	3	Finance 410.....	3
Economics 402.....	3	†Business Elective (300+) <sup>1</sup> .....	3
Accounting 340.....	3	†Business Elective (300+) <sup>1</sup> .....	3
†Business Elective (300+) <sup>1</sup> .....	3	Elective.....	3
	<hr/> 15		<hr/> 15

Total semester hours required 120

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>G</sup>General Education Courses

<sup>1</sup>C average is required within major courses.

Business majors will not be allowed to use BOTH CMPS 110 AND MGMT 210 towards a degree.

<sup>1</sup>No more than 9 hours in any one discipline.

**Curriculum in Business Administration  
Leading to the Degree of Bachelor of Business Administration  
Economics Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Biological Science <sup>G</sup> .....	3	Physical Science <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Communication 211 <sup>G</sup> .....	3	History Elective <sup>G</sup> .....	3
Southeastern 101.....	2	Vis Arts, Music, Dance, or Thea Elective <sup>G</sup> .....	3
Management 101.....	1		
	15		15

**Second Year**

English 230, 231, or 232 <sup>G</sup> .....	3	Management 220.....	3
Second Natural Science <sup>G</sup> .....	3	†Economics 202 <sup>G</sup> .....	3
Accounting 200.....	3	Management 240.....	3
†Economics 201 <sup>G</sup> .....	3	†Business Law 231.....	3
Elective.....	3	Operations Mgmt. & Info. Systems 210.....	3
	15		15

**Third Year**

†Management 351.....	3	†Finance 381.....	3
†Marketing 303.....	3	Operations Mgmt. & Info. Systems 350.....	3
Economics 333.....	3	Approved Elective <sup>1</sup> .....	3
†Economics Elective (300+).....	3	Economics 402.....	3
†Accounting 225.....	3	Business Elective (300+).....	3
	15		15

**Fourth Year**

Operations Mgmt. & Info. Systems 430.....	3	Management 464.....	3
Management 425.....	3	Business Elective (300+).....	3
†Economics Elective (300+).....	3	†Economics Elective (300+).....	3
Business Elective (300+).....	3	†Economics Elective (300+).....	3
†Operations Mgmt. & Info. Systems 320.....	3	Elective.....	3
	15		15

Total semester hours required	120
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Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>G</sup>General Education Courses

Business majors will not be allowed to use BOTH CMPS 110 AND MGMT 210 towards a degree.

<sup>1</sup>C average is required within major courses.

<sup>†</sup>Course can be selected from MRKT 321, MRKT 373, MGMT 457, and FIN 410.

## Department of Marketing and Supply Chain Management

Russell McKenzie, *Interim Department Head*

### Major in Marketing

The major in Marketing is heavily based in the various areas of business and requires thirty approved hours. Marketing majors may elect to concentrate in Advertising and Social Media or Professional Sales. Each concentration requires twelve semester hours of specified Marketing courses.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minor in Marketing

Students from other departments of the University may minor in Marketing. The minor in Marketing consists of Marketing 303 and fifteen hours of 300+ Marketing electives. Students minoring in Marketing must obtain the approval of the Department Head.

### Curriculum in Marketing Leading to the Degree of Bachelor of Arts

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Biological Science <sup>g</sup> .....	3	English 102 or 122H or 124H <sup>g</sup> .....	3
English 101 or 121H or 123H <sup>g</sup> .....	3	Mathematics 241 <sup>g</sup> .....	3
Vis Arts, Music, Dance or Thea Elective <sup>g</sup> .....	3	Physical Science <sup>g</sup> .....	3
Southeastern 101 .....	2	History Elective <sup>g</sup> .....	3
Management 101 .....	1	Elective .....	3
Mathematics 105 or 151/161 <sup>g</sup> .....	3		
	15		15

#### Second Year

Accounting 200 .....	3	Accounting 225 .....	3
Communication 211 <sup>g</sup> .....	3	Economics 202 <sup>g</sup> .....	3
Economics 201 <sup>g</sup> .....	3	English 230, 231, or 232 <sup>g</sup> .....	3
Operations Mgmt. & Info. Systems 210 .....	3	Business Law 231 .....	3
Second Natural Science Sequence <sup>g</sup> .....	3	Management 240 .....	3
	15		15

#### Third Year

†Marketing 303 .....	3	Economics 333 .....	3
†Marketing 321 .....	3	Finance 381 .....	3
Operations Mgmt. & Info. Systems 350 .....	3	†Management 351 .....	3
Operations Mgmt. & Info. Systems 320 .....	3	†Marketing 319 .....	3
Elective .....	3	†Marketing Elective .....	3
	15		15

#### Fourth Year

Management 425 .....	3	Management 464 .....	3
†Marketing Elective (300+) .....	3	†Marketing 444 .....	3
Operations Mgmt. & Info. Systems 430 .....	3	†Marketing Elective (300+) .....	3

†Marketing 432 .....	3	†Marketing Elective (300+).....	3
Elective .....	3	Elective.....	3
	15		15
Total semester hours required		120	

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>Ⓒ</sup>General Education Courses  
<sup>†</sup>Major course.

**Curriculum in Marketing  
 Leading to the Degree of Bachelor of Arts  
 Advertising and Social Media Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Biological Science <sup>Ⓒ</sup> .....	3	English 102 or 122H or 124H <sup>Ⓒ</sup> .....	3
English 101 or 121H or 123H <sup>Ⓒ</sup> .....	3	Mathematics 241 <sup>Ⓒ</sup> .....	3
Visual Arts, Music, Dance or Thea Elective <sup>Ⓒ</sup> ..	3	Physical Science <sup>Ⓒ</sup> .....	3
Southeastern 101 .....	2	History Elective <sup>Ⓒ</sup> .....	3
Management 101 .....	1	Elective.....	3
Mathematics 105 or 151/161 <sup>Ⓒ</sup> .....	3		
	15		15

**Second Year**

Accounting 200 .....	3	Accounting 225 .....	3
Communication 211 <sup>Ⓒ</sup> .....	3	Economics 202 <sup>Ⓒ</sup> .....	3
Economics 201 <sup>Ⓒ</sup> .....	3	English 230, 231, or 232 <sup>Ⓒ</sup> .....	3
Operations Mgmt. & Info. Systems 210 .....	3	Business Law 231 .....	3
Second Natural Science Sequence <sup>Ⓒ</sup> .....	3	Management 240 .....	3
	15		15

**Third Year**

†Marketing 303 .....	3	Economics 333.....	3
†Marketing 310 .....	3	Finance 381 .....	3
†Marketing 319 .....	3	†Management 351 .....	3
Operations Mgmt. & Info. Systems 350 .....	3	†Marketing 342 .....	3
Operations Mgmt. & Info. Systems 320 .....	3	†Marketing 373 .....	3
	15		15

**Fourth Year**

Elective .....	3	Management 425 .....	3
†Marketing 432 .....	3	Management 464 .....	3
†Marketing Elective (300+).....	3	†Marketing 442 .....	3
Operations Mgmt. & Info. Systems 430 .....	3	Elective.....	3
Elective .....	3	†Marketing 444 .....	3
	15		15
Total semester hours required		120	

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>Ⓒ</sup>General Education Courses  
<sup>†</sup>Major Concentration Course.

**Curriculum in Marketing  
Leading to the Degree of Bachelor of Arts  
Professional Sales Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Biological Science <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Visual Arts, Music, Dance or Thea Elective <sup>G</sup> ..	3	Physical Science <sup>G</sup> .....	3
Southeastern 101 .....	2	History Elective <sup>G</sup> .....	3
Management 101 .....	1	Elective.....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3		
	15		15

**Second Year**

Accounting 200 .....	3	Accounting 225 .....	3
Communication 211 <sup>G</sup> .....	3	Economics 202 <sup>G</sup> .....	3
Economics 201 <sup>G</sup> .....	3	English 230, 231, or 232 <sup>G</sup> .....	3
Operations Mgmt. & Info. Systems 210 .....	3	Business Law 231 .....	3
Second Natural Science Sequence <sup>G</sup> .....	3	Management 240 .....	3
	15		15

**Third Year**

†Marketing 303 .....	3	Economics 333.....	3
†Marketing 319 .....	3	Finance 381 .....	3
†Marketing 321 .....	3	†Management 351 .....	3
Operations Mgmt. & Info. Systems 350 .....	3	†Marketing 331 .....	3
Operations Mgmt. & Info. Systems 320 .....	3	†Marketing Elective (300+).....	3
	15		15

**Fourth Year**

Elective .....	3	Management 425 .....	3
†Marketing 421 .....	3	Management 464 .....	3
†Marketing 432 .....	3	†Marketing 425 .....	3
Operations Mgmt. & Info. Systems 430 .....	3	Elective.....	3
Elective .....	3	†Marketing 444 .....	3
	15		15

Total semester hours required 120

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>G</sup>General Education Courses

†Major Concentration Courses

## Major in Supply Chain Management

The major in Supply Chain Management is heavily based in Operations Management, Information Systems and Marketing (OMIS), and requires thirty-six semester hours of Operations Management and Information Systems, Marketing and Management courses.

## Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minor in Supply Chain Management

Students from other departments of the University may minor in Supply Chain Management. The minor in Supply Chain Management consists of OMIS 320, 325, 425, 440 and six hours of 300+ OMIS electives. Students minoring in Supply Chain Management must obtain the approval of the Department Head.

#### Curriculum In Supply Chain Management Leading to the Degree of Bachelor of Science

##### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Biological Science <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Visual Art, Music, Dance or Thea Elective <sup>G</sup> ...	3	Physical Science <sup>G</sup> .....	3
Southeastern 101 .....	2	History Elective <sup>G</sup> .....	3
Management 101 .....	1		
	15		15

##### Second Year

Accounting 200 .....	3	Accounting 225 .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Economics 202 <sup>G</sup> .....	3
Economics 201 <sup>G</sup> .....	3	Elective.....	3
Operations Mgmt. & Info. Systems 210 .....	3	Business Law 231 .....	3
Second Natural Science Sequence <sup>G</sup> .....	3	Management 240 .....	3
	15		15

##### Third Year

Marketing 303 .....	3	Management 351 .....	3
†Operations Mgmt. & Info. Systems 310 .....	3	*Marketing 331 .....	3
†Operations Mgmt. & Info. Systems 320 .....	3	†Operations Mgmt. & Info. Systems 325 .....	3
Finance 381 .....	3	†Operations Mgmt. & Info. Systems 370 .....	3
Operations Mgmt. & Info. Systems 350 .....	3	†Operations Mgmt. & Info. Systems 380 .....	3
	15		15

##### Fourth Year

Management 457 .....	3	Management 464 .....	3
^OMIS Elective (300+) .....	3	†Management 478 .....	3
†Operations Mgmt. & Info. Systems 425 .....	3	†Operations Mgmt. & Info. Systems 435 .....	3
†Operations Mgmt. & Info. Systems 430 .....	3	†Operations Mgmt. & Info. Systems 440 .....	3
†Management 425 .....	3	Elective .....	3
	15		15

Total semester hours required 120

Southeastern 101 and Management 101 are not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 and Management 101 with 3 hours of free electives.

<sup>G</sup>General Education Courses

†Major course

\*Operations Management & Information Systems 391 can be substituted for Marketing 331 with approval of the Department Head.

^Operations Management & Information Systems 300+ Elective may be chosen from OMIS 391, 392, 360, 495, or Marketing 319.

# The College of Education

Paula Summers Calderon, *Dean*

The College of Education administratively is composed of the Departments of Educational Leadership and Technology; Teaching and Learning; and the Office of Performance Assessment. In addition, students in the Departments of Biological Sciences, Chemistry and Physics, English, Music and Performing Arts, Languages and Communication, History and Political Science, Kinesiology and Health Studies, and Mathematics, who are preparing to become teachers in elementary and secondary schools are enrolled in the College of Education.

## Selective Admission and Retention in Teacher Education Policies and Procedures

The teaching profession is highly demanding and remarkably complex. A person desiring to become a teacher must maintain academic standards and demonstrate qualifications for successful teaching including satisfactory performance in field experiences. Therefore, the College of Education at Southeastern Louisiana University is committed to recruiting, admitting, retaining and graduating in the Professional Program in Teacher Education only those students who show evidence of being capable of performing in an acceptable manner. Enrollment in the Professional Program does not guarantee that a student will receive the degree or certification sought simply because he/she completes a number of courses or is in the field the required number of hours. Certification requirements are specified by the State Legislature and/or the Board of Elementary and Secondary Education and coordinated by the State Department of Education. These requirements are subject to periodic modification, which may not occur at times appropriate for inclusion in the annual publication of the University catalogue. It is the responsibility of the students to make periodic checks for such changes with the academic advisors and/or department heads.

Students are required to submit an application for admission to the Professional Program in Teacher Education. Each candidate's application must be reviewed for compliance with the standards of Selective Admission and Retention in Teacher Education (SARTE) and by the Dean of the College of Education.

### I. Admission Procedures

- A. Students in the College of Education and other colleges that have approved teacher education programs must make application for admission to the Professional Program in Teacher Education at least four weeks prior to the end of any given semester in order to have their applications duly processed by the beginning of the following semester. The schedule for applying is the following:
  1. Students in the College of Education and other colleges that have approved teacher education programs will normally be required to make application for admission as students in Education 202.
  2. All students must have formally filed an application before enrolling in any professional courses that require Full SARTE status.
- B. Students who make proper application will be screened and placed in one of the two categories described below:
  1. **FULL STATUS:** Indicates all screening components have been met and the candidate is eligible to schedule remaining professional education courses (EDUC, EPSY, ECE, and SPED prefix courses). Criteria for *FULL STATUS* are:
    - a. Minimum 2.75 cumulative or degree grade point average (based on a minimum of 30 credit hours). A student may be granted permission with a minimum cumulative or degree grade point average of 2.5-2.749 and successful completion of an interview as well as recommendation from the instructor(s) for EDUC 202.
    - b. Achieve a passing score of Praxis Core Academic Skills for Educators-Reading, Writing, and Mathematics. (Refer to the Louisiana Department of Education website for current passing scores.)

- c. Achieve a grade of “C” or better in English 102.
- d. Achieve a grade of “B” or better in Education 202.
- e. Have an approved Admissions Portfolio.
- f. Have signed the Memorandum of Student Advisement and Counseling.

**OR**

- 2. **INELIGIBLE:** Indicates a student does not meet or maintain criteria for full SARTE status.

## II. Retention Procedures

- A. Ongoing screening of each student utilizing SARTE eligibility criteria will occur each semester of a student’s enrollment.
  - 1. Maintain a cumulative or degree grade point average of 2.75 or better.
  - 2. For those with a degree GPA of 2.5-2.749, permission may be granted by the department head.
- B. Students demonstrating behaviors or characteristics that make it questionable whether they can succeed in the teaching profession will be referred for Professional Performance Review. A review may result in:
  - 1. No action being taken but further observations.
  - 2. Recommendation of a Professional Improvement Plan (monitored by the Coordinator of the Teacher Development Program).
  - 3. Referral to SARTE which may recommend:
    - a. Probation with specified conditions.
    - b. Temporary suspension from the Teacher Education program with specified conditions.
    - c. Expulsion from the Teacher Education program.

## III. Appeal Procedures

Students who wish to appeal decisions of the SARTE Committee may do so in writing to the Dean of the College of Education.

## Policy for Student Portfolios

### College of Education

As part of the College of Education focus on performance-based outcomes, portfolios will be incorporated into the assessment system for students enrolled in an approved Teacher Education Program. Students are required to submit portfolios through Pass-Port, a web-based system that provides candidates, faculty, and administrative staff a system to gather, demonstrate, and evaluate performance data. Candidates will be charged a one-time non-refundable fee for licensure to use the system for seven years. This fee will automatically be charged the first time a candidate registers for a course offered through the College of Education (EDUC, EPSY, EDL, ETEC, ECE, EDF, LSED, and SPED prefixes).

The portfolio will (1) allow the student to demonstrate, through reflections, his/her understanding of how the artifacts contained in the portfolio meet the program outcomes; (2) provide a process by which a student can become a reflective practitioner to foster continuous improvement; and (3) document a student’s growth from the Introductory Level (novice stage) to a level of competence as an educator, the Competency Level. Through the portfolio process, evaluators will have an opportunity to identify areas for improvement at each level of assessment and develop a plan for remediation when necessary. By completing and submitting a portfolio, students will gain an understanding that they are ultimately responsible for acquiring the knowledge and skills necessary for being an effective classroom teacher.

The portfolio will consist of artifacts, documents, and evidence, which demonstrate that the knowledge, skills, and dispositions required by *the Louisiana Requirements for Initial Certification* for certification through the Louisiana Department of Education have been met. Students will be required to submit an Introductory Level Portfolio as a prerequisite to their first methods courses (EDUC 320, 485, 490 or KIN 460 and courses taken concurrently), a Developing Level Portfolio as a requirement for the Student Teaching Residency, and Residency I and II Level Portfolios as a requirement for



graduation. Students are to refer to the Pass-Port Help page, [http://www.southeastern.edu/acad\\_research/colleges/edu\\_hd/student\\_success/passport/index.html](http://www.southeastern.edu/acad_research/colleges/edu_hd/student_success/passport/index.html) for timelines and content requirements.

## Additional College of Education Graduation Requirements

Students in the College of Education must meet the following requirements in addition to the general University requirements listed elsewhere:

Teacher Certification Programs (programs leading to a degree in teacher education and state certification).

- a. Earn a cumulative or degree grade point average of 2.75 and a 2.75 cumulative or degree grade point average in work completed at Southeastern.\*
- b. Have no grade lower than a "B" in Education 202 and have no grade lower than a "C" in other professional courses (Education, Early Childhood Education, and Educational Psychology) and in each teaching field.
- c. Complete 270 hours in all-day, all-semester student teaching residency with a minimum of 180 clock hours in actual teaching.
- d. Successfully complete either three semester hours in Reading (secondary curricula) or nine semester hours in Reading (elementary curricula).
- e. The College of Education defines computer literacy in the following ways:
  - i. The ability to instruct using computers to aid in learning, solving problems, and managing information.
  - ii. Knowledge of function, applications, capabilities, limitations, and related technology.
- f. Have completed an approved Residency I and II or Competency Level Portfolio.

\*See Scholastic Ratings, this Catalogue, for explanation of calculation of grade point averages.

## Degrees Conferred

The degree of Bachelor of Arts is conferred upon the completion of the curricula in the following fields:

English Education  
Social Studies Education

The degree of Bachelor of Science is conferred upon the completion of the curricula in the following fields:

Early Childhood Education Grades PK-3  
Elementary Education Grades 1-5  
Health and Physical Education Teacher Education  
Middle School Education Grades 4-8  
Special Education Mild/Moderate for Elementary Education Grades 1-5  
Special Education Mild/Moderate for Middle School Grades 4-8

## Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

## Alternative Teacher Certification Programs

The College of Education offers two alternative teacher programs: (1) Master of Arts in Teaching, and (2) Certification-Only Alternative Teacher Certification. Post-Baccalaureate Certificates may also be

awarded to students completing the Certification-Only and Add-On certification programs. A complete description of these programs is located in the Graduate Studies section of this Catalogue.

## Departmental Curricula

### English

English Education

### Kinesiology and Health Studies

Health and Physical Education Teacher Education

### History and Political Science

Social Studies Education

### Teaching and Learning

Early Childhood Education Grades PK-3

Elementary Education Grades 1-5

Middle School Education Grades 4-8

Special Education Mild/Moderate for Elementary Education Grades 1-5

Special Education Mild/Moderate for Middle School Education Grades 4-8

## Requirements for Student Teaching Residency

The State Department of Education regulations for certification of teachers require that teacher candidates complete their student teaching residency under the control and supervision of the institution from which they expect to be graduated. To be eligible for student teaching residency, students must:

1. Classify as seniors. (They must have at least ninety hours of credit.)
2. Enroll in classes within Southeastern's College of Education for at least three semesters.
3. Pass all parts of PRAXIS *Core Academic Skills for Educators* in Reading, Writing, and Mathematics.
4. Have a cumulative or degree grade point average of 2.75 and a 2.75 cumulative or degree grade point average in work completed at Southeastern.
5. Have completed and earned a grade of "C" or better in all required professional courses: Education and Education Psychology.
6. Have completed and earned a grade of "C" or better in all required courses in their first teaching fields. These courses are identified with a single dagger on the curriculum sheets.
7. Pass PRAXIS II examinations in Principles of Learning and Teaching and Content Specialty Area Tests.
8. Have completed Education 202 with a grade of "B" or better.
9. Have completed the courses related to Developing Portfolio with a grade of "C" or better.
10. Complete and pass the Developing Level portfolio.
11. Apply for student teaching residency one semester prior to the semester during which the applicant plans to complete a student teaching residency. Applications are accepted during the Fall and Spring semesters, but not during the Summer.
12. Have approval of the Director of Student Teaching Residency.
13. Have a statement from their Department Head certifying that they are competent in the subject material in which they are seeking certification.

## Student Teaching Residency Semesters

The student teacher resident will follow the school district's calendar and will report to the school in the summer when teachers arrive for the school year (or December for the spring student teacher resident). This will be prior to the first day of class on the university academic calendar. The student teacher resident reports at the designated time for school district teachers each day, and he/she will remain at the school for 80% of placement school time, and the student teacher resident will remain at the school until regular dismissal of teaching personnel. Six hours are awarded for the first semester residency, and nine hours are awarded for the second semester residency.

The student teacher resident will be assigned to complete his/her student teaching residency away from the campus community; therefore, student teacher residents must expect that they may be asked to make arrangements to be away from the campus for part of the time during their first semester and full time during their second of their residency. The Director of Student Teaching Residency will arrange a placement for each student teacher resident.

The student teacher resident may take other classes with their residency during the first semester, but they must request permission from the Director of Student Teaching Residency to schedule only one course with the second semester of residency. This one course must not be related to the student teacher resident's major or concentration area. Any course scheduled in addition to second semester of student teaching residency must not conflict with their full time participation in the school. The hours involved in second semester student teaching residency will be approximately 7:00 a.m. to 3:30 p.m. (i.e., whatever are the school hours for the residency school), Monday through Friday.

In order to remain in the student teaching residency, the student teacher resident is expected to meet and maintain desirable professional, physical, and moral standards consistent with their positions in the public schools. He/She must also demonstrate proficiency in instruction, management and planning.

A student teacher resident who fails or is directed to withdraw from student teaching residency must complete a Professional Improvement Plan (Monitored by the Coordinator of the Teacher Development Program) prior to a second student teaching residency experience. A student may not attempt a student teaching residency a third time.

## Department of Teaching and Learning

Colleen Klein-Ezell, *Department Head*

The Department of Teaching and Learning of Southeastern Louisiana University is responsible for the development of undergraduate curricula in Early Childhood Education Grades PK-3, Elementary Education Grades 1-5, Middle School Education Grades 4-8, Special Education Mild/Moderate for Elementary Education Grades 1-5, Special Education Mild/Moderate for Middle School Education Grades 4-8, and in the supervision and preparation of teachers with majors in these areas.

The Department of Teaching and Learning provides professional courses for all majors in Education and Special Education curricula. As part of the course requirements, students complete field hours in diverse school settings prior to student teaching residency. School assignments are made by the Director of Field Experiences, and transportation to these sites is the responsibility of the student. A major role of the Department is to provide professional service and leadership to school systems within the University community. Another function of the Department is to offer curricula and instruction leading to Master's Degrees in Curriculum and Instruction, Special Education, and Master of Arts in Teaching. See the Graduate Studies section of the General Catalogue for additional information.

Department of Teaching and Learning faculty members serve as advisors to undergraduate students majoring in Early Childhood Education, Elementary Education, Middle School Education, and Special Education Programs, and students in the graduate programs listed above.

### The Southeastern Laboratory School

The University maintains and conducts a Laboratory School, which accommodates children in kindergarten through the eighth grade. The Laboratory School is a part of the College of Education. The School is designed to provide a varied program of instruction and service to afford opportunities for student observations, pre-professional laboratory experience, in-service education, and research.

### School Librarians

Students in the College of Education who are earning regular certification at the elementary or secondary level may earn additional certification in Library Science by completing 21 semester hours. Courses required for Library Science certification include Library Science Education 401 or 501; 402 or 502; Library Science Administration 403 or 503; 404 or 504; 405 or 505; 406 or 506; and 580. Application to take Library Science Administration 580, Practicum in School Librarianship, must be made to the Department of Teaching and Learning one semester prior to the semester in which the course is to be taken.

### English as a Second Language

"English as a Second Language" will be added to the certificate of any teacher who holds a standard teaching certificate and successfully completes the following courses with the understanding that this certification applies only to teachers of children with limited English-speaking ability: Education 416/516, Education 428/528, English 414/524 or 642, and Communication 410/510. English as a Second Language certification will be valid only in the teaching area(s) in which one is certified.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

## International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP)

The department offers courses leading to the IB Educator Certificate in Teaching and Learning: PYP. Eligible students must take the following courses in addition to completing Teacher Candidate Residency at an IB World School: IB 405, IB 415, IB 425, IB 435. For information about eligibility and requirements, please contact the Department Head.

### Curriculum in Early Childhood Education Grades PK-3 Leading to the Degree of Bachelor of Science

<b>First Year</b>	
FIRST SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3
††Mathematics 105 or 151/161 <sup>G</sup> .....	3
Visual Arts 105 or 106, Music 151, or Theatre 131 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3
History 202 <sup>G</sup> .....	3
Southeastern 101.....	2
	17
SECOND SEMESTER	S.H.
††English 102 or 122H or 124H <sup>G</sup> .....	3
††Mathematics 241 <sup>G</sup> .....	3
General Biology 107 <sup>G</sup> .....	3
††Early Childhood Education 108.....	1
Political Science 201 <sup>G</sup> .....	3
††Communication 210 <sup>G</sup> .....	3
	16
<b>Second Year</b>	
English 230, 231, or 232 <sup>G</sup> .....	3
††Mathematics 177.....	3
Geography 103 <sup>G</sup> .....	3
††Early Childhood Education 304.....	3
†††Education 202.....	3
Earth and Space Science 101/102 <sup>G</sup> .....	3
	18
††Special Education 200.....	3
††Education 304.....	3
††Education 307.....	3
††Library Science Education 401.....	3
††Early Childhood Education 314.....	3
††Education 309.....	3
	18
<b>Third Year</b>	
††Early Childhood Education 300 <sup>1*</sup> .....	3
††Early Childhood Education 311 <sup>1*</sup> .....	3
††Early Childhood Education 312 <sup>1*</sup> .....	3
††Education 320 <sup>1*</sup> .....	3
††Education 322 <sup>1*</sup> .....	3
	15
††Early Childhood Education 316 <sup>2</sup> .....	6
††Early Childhood Education 318 <sup>2</sup> .....	6
Art 371.....	3
	15
<b>Fourth Year</b>	
††Education 453 <sup>3**</sup> .....	6
††Education 456 <sup>3</sup> .....	3
††Education 457 <sup>3</sup> .....	3
	12
Early Childhood Education 427.....	9
	9
<b>Total semester hours required</b>	<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. These students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required.

†††A grade of "B" or better is required.

<sup>1</sup>Take EDUC 320 and EDUC 322 concurrently with ECE 300, 311, and 312.

<sup>2</sup>Take ECE 316 and ECE 318 concurrently.

<sup>3</sup>Take EDUC 456 and EDUC 457 concurrently with EDUC 453.

\*Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

†Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

**Curriculum in Elementary Education Grades 1-5  
Leading to the Degree of Bachelor of Science**

		<b>First Year</b>	
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	††English 102 or 122H or 124H <sup>G</sup> .....	3
††Mathematics 105 or 151/161 <sup>G</sup> .....	3	††Mathematics 241 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3	General Biology 107 <sup>G</sup> .....	3
Art 105 or Music 151 <sup>G</sup> .....	3	Political Science 201 <sup>G</sup> .....	3
††Geography 103 <sup>G</sup> .....	3	History 202 <sup>G</sup> .....	3
Southeastern 101.....	2	††Communications 210 <sup>G</sup> .....	3
	<hr/> 17		<hr/> 18
<b>Second Year</b>			
English 230/231/232 <sup>G</sup> .....	3	††Educational 304.....	3
†††Education 202.....	3	††Educational 307.....	3
Earth Sciences 101 or 102.....	3	††Educational 309.....	3
††Mathematics 177.....	3	††Educational 315.....	3
††Educational Psychology 301.....	3	††Mathematics 287.....	3
††Special Education 200.....	3		
	<hr/> 18		<hr/> 15
<b>Third Year</b>			
††Education 320 <sup>1*</sup> .....	3	††Education 324 <sup>2</sup> .....	3
††Education 322 <sup>1*</sup> .....	3	††Education 327 <sup>2</sup> .....	6
††Education 332 <sup>1</sup> .....	1	††Education 333 <sup>2</sup> .....	6
Physical Science 101 <sup>G</sup> .....	3	††Art 371.....	3
††Library Science Education 401.....	3		
	<hr/> 13		<hr/> 15
<b>Fourth Year</b>			
††Education 449 <sup>3</sup> .....	3	Education 427.....	9
††Education 452 <sup>3</sup> .....	3		
††Education 453 <sup>3**</sup> .....	6		
	<hr/> 12		<hr/> 9
Total semester hours required			120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required.

†††A grade of "B" or better is required

<sup>1</sup>Take EDUC 320, 322, and 332 concurrently.

<sup>2</sup>Take EDUC 324, 327, and EDUC 333 concurrently.

<sup>3</sup>Take EDUC 449, 452, and 453 concurrently.

\*Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

\*\*Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

**Curriculum in Middle School Education Grades 4-8  
Leading to the Degree of Bachelor of Science  
English Focus Area**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	††English 102 or 122H or 124H <sup>G</sup> .....	3
††Mathematics 105 or 151/161 <sup>G</sup> .....	3	††Mathematics 241 <sup>G</sup> .....	3
ART 105 or MUS 151 or THEA 131 <sup>G</sup> .....	3	General Biology 107 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3	Political Science 201 <sup>G</sup> .....	3
††Geography 103 <sup>G</sup> .....	3	††Communication 210 <sup>G</sup> .....	3
Southeastern 101.....	2	History 202 <sup>G</sup> .....	3
	17		18

**Second Year**

†††Education 202.....	3	††English 230, 231, or 232.....	3
††Special Education 200.....	3	††Education 307.....	3
Earth and Space Science 101 <sup>G</sup> .....	3	††Education 308.....	3
††Mathematics 177.....	3	††Education 315.....	3
††Educational Psychology 301.....	3	††English 300.....	3
English 230, 231, or 232 <sup>G</sup> .....	3	††English 312.....	3
	18		18

**Third Year**

††Education 320 <sup>1*</sup> .....	3	††Education 324 <sup>2</sup> .....	3
††Library Science Education 402.....	3	Education Technology 306.....	2
††Education 322 <sup>1*</sup> .....	3	††Education 332.....	1
††Education 472 <sup>1</sup> .....	3	††Education 494 <sup>2</sup> .....	6
††English 230, 231, or 232.....	3		
	15		12

**Fourth Year**

††Education 453 <sup>3**</sup> .....	6	Education 427.....	9
††Education 469 <sup>3</sup> .....	3		
††Education 467 <sup>3</sup> .....	3		
††English 305 (fall only).....	1		
	13		9

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required in all focus area courses, include general education courses.

†††A grade of "B" or better is required.

<sup>1</sup>Take EDUC 320, 322, and 472 concurrently.

<sup>2</sup>Take EDUC 324 and EDUC 494 concurrently.

<sup>3</sup>Take EDUC 453 and EDUC 469 concurrently with ENGL 467.

<sup>~</sup>Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

<sup>^</sup>Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

**Curriculum in Middle School Education Grades 4-8  
Leading to the Degree of Bachelor of Science  
Math Focus Area**

<b>First Year</b>	
FIRST SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3
††Mathematics 161 <sup>G</sup> .....	3
ART 105 or MUS 151 or THEA 131 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3
††Geography 103 <sup>G</sup> .....	3
Southeastern 101 .....	2
	17
SECOND SEMESTER	S.H.
††English 102 or 122H or 124H <sup>G</sup> .....	3
††Mathematics 241 <sup>G</sup> .....	3
General Biology 107 <sup>G</sup> .....	3
Political Science 201 <sup>G</sup> .....	3
††Communication 210 <sup>G</sup> .....	3
History 202 <sup>G</sup> .....	3
	18
<b>Second Year</b>	
†††Education 202 .....	3
††Special Education 200 .....	3
English 230, 231, or 232 <sup>G</sup> .....	3
††Mathematics 177 .....	3
Earth and Space Science 101 <sup>G</sup> .....	3
††Educational Psychology 301 .....	3
	18
††Education 307 .....	3
††Education 308 .....	3
††Education 315 .....	3
††Mathematics 277 .....	3
††Mathematics 162 .....	3
	15
<b>Third Year</b>	
††Education 320 <sup>1</sup> .....	3
††Mathematics 383 .....	3
††Education 322 <sup>1</sup> .....	3
††Library Science Education 402 .....	3
††Education 472 <sup>1</sup> .....	3
††Mathematics 287 .....	3
	18
††Education 324 <sup>2</sup> .....	3
††Education 494 <sup>2</sup> .....	6
††Mathematics 467 .....	3
	12
<b>Fourth Year</b>	
††Education 453 <sup>3**</sup> .....	6
††Mathematics 367 <sup>3</sup> .....	4
††Education 468 <sup>3</sup> .....	3
	13
Education 427 .....	9
	9
<b>Total semester hours required</b>	<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required in all focus area courses, include general education courses.

†††A grade of "B" or better is required.

<sup>1</sup>Take EDUC 320, 322, and 472 concurrently.

<sup>2</sup>Take EDUC 324 and EDUC 494 concurrently.

<sup>3</sup>Take EDUC 453 and EDUC 468 concurrently with MATH 367.

<sup>3</sup>Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

<sup>\*\*</sup>Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.



**Curriculum in Middle School Education Grades 4-8  
Leading to the Degree of Bachelor of Science  
Science Focus Area**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	††English 102 or 122H or 124H <sup>G</sup> .....	3
††Mathematics 105 or 151/161 <sup>G</sup> .....	3	††Mathematics 241 <sup>G</sup> .....	3
ART 105 or MUS 151 or THEA 131 <sup>G</sup> .....	3	General Biology 107 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3	Political Science 201 <sup>G</sup> .....	3
††Geography 103 <sup>G</sup> .....	3	††Communication 210 <sup>G</sup> .....	3
Southeastern 101.....	2	History 202 <sup>G</sup> .....	3
	17		18

**Second Year**

†††Education 202.....	3	††Education 307.....	3
††Special Education 200.....	3	††Education 308.....	3
English 230, 231, or 232 <sup>G</sup> .....	3	††Education 315.....	3
††Chemistry 101 <sup>G</sup> .....	3	††Mathematics 177.....	3
††Earth and Space Science 101 <sup>G</sup> .....	3	††Chemistry 102.....	3
††Educational Psychology 301.....	3	††Physical Science 101.....	3
	18		18

**Third Year**

††Education 320 <sup>1*</sup> .....	3	††Education 324 <sup>2</sup> .....	3
††Earth and Space Science 102.....	3	††Education 494 <sup>2</sup> .....	6
††Education 322 <sup>1*</sup> .....	3	††Physics 142 or Chemistry 107.....	4
††Library Science Education 402.....	3		
††Education 472 <sup>1</sup> .....	3		
	15		13

**Fourth Year**

††Education 453 <sup>3**</sup> .....	6	Education 427.....	9
††Education 332 <sup>3</sup> .....	1		
††Education 468 <sup>3</sup> .....	3		
††Education Technology 306.....	2		
	12		9

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required in all focus area courses, include general education courses.

†††A grade of "B" or better is required.

<sup>1</sup>Take EDUC 320, 322, and 472 concurrently.

<sup>2</sup>Take EDUC 324 and EDUC 494 concurrently.

<sup>3</sup>Take EDUC 453, EDUC 468, and EDUC 332 concurrently.

<sup>\*</sup>Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

<sup>\*\*</sup>Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

**Curriculum in Middle School Education Grades 4-8  
Leading to the Degree of Bachelor of Science  
Social Studies Focus Area**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	††English 102 or 122H or 124H <sup>G</sup> .....	3
††Mathematics 105 or 151/161 <sup>G</sup> .....	3	††Mathematics 241 <sup>G</sup> .....	3
ART 105 or MUS 151 or THEA 131 <sup>G</sup> .....	3	General Biology 107 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3	††Political Science 201 <sup>G</sup> .....	3
††Geography 103 <sup>G</sup> .....	3	††Communication 210 <sup>G</sup> .....	3
Southeastern 101.....	2	††History 202 <sup>G</sup> .....	3
	17		18

**Second Year**

†††Education 202.....	3	††Education 307.....	3
††Special Education 200.....	3	††Education 308.....	3
Earth and Space Science 101 <sup>G</sup> .....	3	††Education 315.....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Mathematics 177.....	3
††Educational Psychology 301.....	3	††History 102.....	3
††History 101 <sup>G</sup> .....	3	††History 201.....	3
	18		18

**Third Year**

††Education 320 <sup>1</sup> .....	3	††Education 324 <sup>2</sup> .....	3
††Education 322 <sup>1</sup> .....	3	††Education 494 <sup>2</sup> .....	6
††Library Science Education 402.....	3	††Education 332.....	1
††Education 472 <sup>1</sup> .....	3	Education Technology 306.....	2
††History 108.....	3		
	15		12

**Fourth Year**

††Education 453 <sup>3**</sup> .....	6	Education 427.....	9
††Education 469 <sup>3</sup> .....	3		
††History 321 <sup>3</sup> .....	3		
††History 322 <sup>3</sup> .....	1		
	13		9

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required in all focus area courses, include general education courses.

†††A grade of "B" or better is required.

<sup>1</sup>Take EDUC 320, 322, and 472 concurrently.

<sup>2</sup>Take EDUC 324 and EDUC 494 concurrently.

<sup>3</sup>Take EDUC 453, EDUC 469, HIST 321, and HIST 322 concurrently.

<sup>\*</sup>Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

<sup>~</sup>Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

**Elementary Education and Special Education Mild/Moderate Grades 1-5  
Leading to the Degree of Bachelor of Science**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	††English 102 or 122H or 124H <sup>G</sup> .....	3
††Mathematics 105 or 151/161 <sup>G</sup> .....	3	††Mathematics 241 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3	Political Science 201 <sup>G</sup> .....	3
Art 105 or Music 151 <sup>G</sup> .....	3	General Biology 107 <sup>G</sup> .....	3
††Geography 103 <sup>G</sup> .....	3	History 202 <sup>G</sup> .....	3
Southeastern 101.....	2	††Communication 210 <sup>G</sup> .....	3
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 17		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 18

**Second Year**

English 230/231/232 <sup>G</sup> .....	3	††Education 307.....	3
†††Education 202.....	3	††Education 315.....	3
††Educational Psychology 301.....	3	††Education 304.....	3
††Special Education 200.....	3	††Mathematics 287.....	3
Earth and Space Science 101 or 102 <sup>G</sup> .....	3	††Special Education 213.....	1
††Mathematics 177.....	3	Art 371.....	3
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 18		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 16

**Third Year**

††Special Education 366 <sup>1</sup> .....	3	††Education 324.....	3
††Special Education 367 <sup>1</sup> .....	3	††Education 327.....	6
††Education 309.....	3	††Education 333.....	6
††Education 320 <sup>2</sup> .....	3	††Special Education 442.....	3
††Education 322 <sup>2</sup> .....	3		
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 18

**Summer Semester**

††Special Education 441 <sup>5</sup> .....	3
††Special Education 465 <sup>5</sup> .....	3
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 6

**Fourth Year**

††Education 449 <sup>4</sup> .....	3	Education 450.....	9
††Education 452 <sup>4</sup> .....	3		
††Education 453 <sup>4</sup> .....	6		
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 12		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 9

Total semester hours required

129

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>†</sup>A major course.

<sup>††</sup>A grade of "C" or better is required.

<sup>†††</sup>A grade of "B" or better is required

<sup>1</sup>Take SPED 366 and SPED 367 concurrently.

<sup>2</sup>Take EDUC 320 and EDUC 322 concurrently.

<sup>3</sup>Take SPED 441 and SPED 465 concurrently.

<sup>4</sup>Take EDUC 449, EDUC 452, and EDUC 453 concurrently.

<sup>5</sup>Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

<sup>6</sup>Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

**Middle School Education and Special Education Mild/Moderate Grades 4-8  
Leading to the degree of Bachelor of Science  
English Focus Area**

<b>First Year</b>		S.H.	<b>Second Semester</b>		S.H.
FIRST SEMESTER			SECOND SEMESTER		
English 101 or 121H or 123H <sup>G</sup> .....	3		††English 102 or 122H or 124H <sup>G</sup> .....	3	
††Mathematics 105/161 <sup>G</sup> .....	3		††Mathematics 241 <sup>G</sup> .....	3	
General Biology 106 <sup>G</sup> .....	3		Earth and Space Science 101 <sup>G</sup> .....	3	
Southeastern 101.....	2		General Biology 107 <sup>G</sup> .....	3	
††Geography 103 <sup>G</sup> .....	3		History 202 <sup>G</sup> .....	3	
Art 105 or Music 151 <sup>G</sup> .....	3		††Communication 210 <sup>G</sup> .....	3	
	17			18	
<b>Second Year</b>					
††English 230/231/232 <sup>G</sup> .....	3		††English 230/231/232.....	3	
††Educational Psychology 301.....	3		††English 300.....	3	
††Mathematics 177.....	3		††Special Education 213.....	1	
††Special Education 200.....	3		††Education 315.....	3	
Political Science 201 <sup>G</sup> .....	3		††Education 308.....	3	
†††Education 202.....	3		††Education 307.....	3	
	18			16	
<b>Third Year</b>					
††Education 320 <sup>2</sup> .....	3		††Education 494.....	6	
††Special Education 366 <sup>1</sup> .....	3		††Special Education 365.....	3	
††Special Education 367 <sup>1</sup> .....	3		††Special Education 442.....	3	
††Education 322 <sup>2</sup> .....	3		††Education 472.....	3	
††Library Science Education 402.....	3				
††English 230/231/232.....	3				
	18			15	
<b>Summer Semester</b>					
††Special Education 441 <sup>3</sup> .....	3				
††Special Education 465 <sup>3</sup> .....	3				
	6				
<b>Fourth Year</b>					
††Education 453 <sup>4**</sup> .....	6		Education 450.....	9	
††Education 469 <sup>4</sup> .....	3				
††English 467 <sup>4</sup> .....	3				
	12			9	
<b>Total semester hours required</b>					<b>129</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required.

†††A grade of "B" or better is required

<sup>1</sup>Take SPED 366 and SPED 367 concurrently.

<sup>2</sup>Take EDUC 320 and EDUC 322 concurrently.

<sup>3</sup>Take SPED 441 and SPED 465 concurrently.

<sup>4</sup>Take EDUC 469, EDUC 453, and ENGL 467 concurrently.

<sup>\*</sup>Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

<sup>\*\*</sup>Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

**Middle School Education and Special Education Mild/Moderate Grades 4-8  
Leading to the degree of Bachelor of Science  
Math Focus Area**

<b>First Year</b>	
FIRST SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3
††Mathematics 161 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3
Southeastern 101.....	2
††Geography 103 <sup>G</sup> .....	3
Art 105 or Music 151 <sup>G</sup> .....	3
	17
SECOND SEMESTER	S.H.
††English 102 or 122H or 124H <sup>G</sup> .....	3
††Mathematics 241 <sup>G</sup> .....	3
Earth and Space Science 101 <sup>G</sup> .....	3
General Biology 107 <sup>G</sup> .....	3
History 202 <sup>G</sup> .....	3
††Communication 210 <sup>G</sup> .....	3
	18
<b>Second Year</b>	
††English 230/231/232 <sup>G</sup> .....	3
††Educational Psychology 301.....	3
††Mathematics 177.....	3
††Special Education 200.....	3
Political Science 201 <sup>G</sup> .....	3
†††Education 202.....	3
	18
††Special Education 365.....	3
††Mathematics 277.....	3
††Special Education 213.....	1
††Education 315.....	3
††Education 308.....	3
††Education 307.....	3
	16
<b>Third Year</b>	
††Education 320 <sup>2</sup> .....	3
††Special Education 366 <sup>1</sup> .....	3
††Special Education 367 <sup>1</sup> .....	3
††Education 322 <sup>2</sup> .....	3
††Library Science Education 402.....	3
††Mathematics 287.....	3
	18
††Education 494.....	6
††Education 472.....	3
††Special Education 442.....	3
††Mathematics 467.....	3
	15
<b>Summer Semester</b>	
††Special Education 441 <sup>3</sup> .....	3
††Special Education 465 <sup>3</sup> .....	3
	6
<b>Fourth Year</b>	
††Education 453 <sup>4**</sup> .....	6
††Education 468 <sup>4</sup> .....	3
††Mathematics 367 <sup>4</sup> .....	4
	13
Total semester hours required	130

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required.

†††A grade of "B" or better is required

<sup>1</sup>Take SPED 366 and SPED 367 concurrently.

<sup>2</sup>Take EDUC 320 and EDUC 322 concurrently.

<sup>3</sup>Take SPED 441 and SPED 465 concurrently.

<sup>4</sup>Take EDUC 468, EDUC 453, and MATH 367 concurrently.

<sup>\*</sup>Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

<sup>\*\*</sup>Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

**Middle School Education and Special Education Mild/Moderate Grades 4-8**  
**Leading to the degree of Bachelor of Science**  
**Science Focus Area**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	††English 102 or 122H or 124H <sup>G</sup> .....	3
††Mathematics 105 or 151/161 <sup>G</sup> .....	3	††Mathematics 241 <sup>G</sup> .....	3
General Biology 106 <sup>G</sup> .....	3	Earth and Space Science 101.....	3
Southeastern 101.....	2	General Biology 107 <sup>G</sup> .....	3
††Geography 103 <sup>G</sup> .....	3	History 202 <sup>G</sup> .....	3
Art 105 or Music 151 <sup>G</sup> .....	3	††Communication 210 <sup>G</sup> .....	3
	17		18

**Second Year**

††English 230/231/232 <sup>G</sup> .....	3	††Physical Science 101.....	3
††Educational Psychology 301.....	3	††Mathematics 177.....	3
††Earth and Space Science 102.....	3	††Chemistry 101 <sup>G</sup> .....	3
††Special Education 200.....	3	††Education 315.....	3
Political Science 201 <sup>G</sup> .....	3	††Education 308.....	3
†††Education 202.....	3	††Education 307.....	3
	18		18

**Third Year**

††Education 320 <sup>2</sup> .....	3	††Education 494.....	6
††Special Education 366 <sup>1</sup> .....	3	††Special Education 365.....	3
††Special Education 367 <sup>1</sup> .....	3	††Special Education 442.....	3
††Education 322 <sup>2</sup> .....	3	††Physics 142.....	4
††Library Science Education 402.....	3	††Special Education 213.....	1
	15		17

**Summer Semester**

††Special Education 441 <sup>3</sup> .....	3
††Special Education 465 <sup>3</sup> .....	3
	6

**Fourth Year**

††Education 453 <sup>4**</sup> .....	6	Education 450.....	9
††Education 468 <sup>4</sup> .....	3		
††Education 472.....	3		
	12		9

Total semester hours required

130

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>A grade of "C" or better is required.

<sup>†††</sup>A grade of "B" or better is required

<sup>1</sup>Take SPED 366 and SPED 367 concurrently.

<sup>2</sup>Take EDUC 320 and EDUC 322 concurrently.

<sup>3</sup>Take SPED 441 and SPED 465 concurrently.

<sup>4</sup>Take EDUC 453 and EDUC 468 concurrently.

<sup>\*</sup>Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

<sup>\*\*</sup>Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

**Middle School Education and Special Education Mild/Moderate Grades 4-8  
Leading to the degree of Bachelor of Science  
Social Studies Focus Area**

<b>First Year</b>		S.H.	<b>Second Semester</b>		S.H.
FIRST SEMESTER			SECOND SEMESTER		
English 101 or 121H or 123H <sup>G</sup> .....	3		††English 102 or 122H or 124H <sup>G</sup> .....	3	
††Mathematics 105/161 <sup>G</sup> .....	3		††Mathematics 241 <sup>G</sup> .....	3	
General Biology 106 <sup>G</sup> .....	3		Earth and Space Science 101 <sup>G</sup> .....	3	
Southeastern 101.....	2		General Biology 107 <sup>G</sup> .....	3	
††Geography 103 <sup>G</sup> .....	3		History 202.....	3	
Art 105 or Music 151 <sup>G</sup> .....	3		††Communication 210 <sup>G</sup> .....	3	
	17			18	
<b>Second Year</b>					
††English 230/231/232 <sup>G</sup> .....	3		††History 201.....	3	
††Educational Psychology 301.....	3		††Mathematics 177.....	3	
††History 101 <sup>G</sup> .....	3		††History 102.....	3	
††Special Education 200.....	3		††Education 315.....	3	
Political Science 201 <sup>G</sup> .....	3		††Education 308.....	3	
†††Education 202.....	3		††Education 307.....	3	
	18			18	
<b>Third Year</b>					
††Education 320 <sup>2</sup> .....	3		††Education 494.....	6	
††Special Education 366 <sup>1</sup> .....	3		††Special Education 365.....	3	
††Special Education 367 <sup>1</sup> .....	3		††Special Education 442.....	3	
††Education 322 <sup>2</sup> .....	3		††Education 472.....	3	
††Library Science Education 402.....	3		††Special Education 213.....	1	
	15			16	
<b>Summer Semester</b>					
††Special Education 441 <sup>3</sup> .....	3				
††Special Education 465 <sup>3</sup> .....	3				
	6				
<b>Fourth Year</b>					
††Education 453 <sup>4</sup> .....	6		Education 450.....	9	
††Education 469 <sup>4</sup> .....	3				
††History 321 <sup>4</sup> .....	3				
††History 322 <sup>4</sup> .....	1				
	13			9	
<b>Total semester hours required</b>					<b>130</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required.

†††A grade of "B" or better is required

<sup>1</sup>Take SPED 366 and SPED 367 concurrently.

<sup>2</sup>Take EDUC 320 and EDUC 322 concurrently.

<sup>3</sup>Take SPED 441 and SPED 465 concurrently.

<sup>4</sup>Take EDUC 453, EDUC 469, HIST 321, and HIST 322 concurrently.

<sup>5</sup>Completion of an approved Introductory Portfolio is a prerequisite for EDUC 320 and EDUC 322.

<sup>6</sup>Completion of an approved Developing Portfolio is a prerequisite for EDUC 453.

## Department of English

For the American College Test in English, see English Placement in this Catalogue. As one of its purposes the Department of English affords specialization in English for entrance to the teaching profession. Requirements for graduation are a total of 120 semester hours.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

#### Curriculum in English Education Grades 6-12 Leading to the Degree of Bachelor of Arts

<b>First Year</b>	
FIRST SEMESTER	S.H.
††English 101 or 121H or 123H <sup>G</sup> .....	3
Biological Science <sup>G</sup> .....	3
Mathematics 105, 151, or 161 <sup>G</sup> .....	3
History Elective <sup>G</sup> .....	3
Library Science 102.....	1
Southeastern 101 .....	2
	15
	15
<b>Second Year</b>	
††English 301 <sup>G</sup> .....	3
††English 395.....	3
†††Education 202.....	3
Physical Science <sup>G</sup> .....	3
††English 300 <sup>G</sup> .....	3
Art 105 or 106, Music 151.....	3
Theatre 131, or Dance 302 <sup>G</sup> .....	3
	18
	18
<b>Third Year</b>	
††English 435 or 436 .....	3
††English 467 .....	3
††Education 316.....	3
††Education 407.....	3
††English 400 Elective <sup>2</sup> .....	3
	15
	15
<b>Fourth Year</b>	
††English 468 .....	3
††Education 453.....	6
††Education 485.....	3
	12
	9
<b>Total semester hours required</b>	<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required in these courses.

†††A grade of "B" or better is required.



<sup>1</sup>Students must complete a minimum of 6 hours in a two-semester sequence of a biological science plus a physical science or a two-semester sequence of a physical science plus biological science. See the General Education Requirements in the University Policies chapter of this catalogue for the approved sequenced courses.

<sup>2</sup>This must be a 400 level English Literature elective.

## Department of History and Political Science

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

#### Curriculum in Social Studies Education Grades 6-12 Leading to the Degree of Bachelor of Arts

<b>First Year</b>	
FIRST SEMESTER	S.H.
Art 105 <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3
††Geography 141 .....	3
††History 101, 101H or 107 <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3
Southeastern 101 .....	2
	17
	18
<b>Second Year</b>	
†††Education 202 .....	3
English 210H, 230, 231, 232, or 291H <sup>G</sup> .....	3
††History 201 or 201H .....	3
Natural Science <sup>1,G</sup> .....	3
††Political Science 201 <sup>G</sup> .....	3
††Psychology 101 <sup>G</sup> .....	3
	18
	18
<b>Third Year</b>	
††Education 316 .....	3
††Education 407 .....	3
††History 321 .....	3
††History 400-level Elective <sup>2</sup> .....	3
††History 400-level Elective <sup>2</sup> .....	3
††Political Science 425 .....	3
	18
	18
<b>Fourth Year</b>	
††Education 453 .....	6
††Education 485 .....	3
††History 497 .....	3
	12
	9
	9
	127

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††A grade of C or better is required.

†††A grade of B or better is required.

<sup>1</sup>Both Biological and Physical Sciences, with six hours in a two-semester sequence.

<sup>2</sup>History 400 Level Electives must include 3 hours of each of the following groups:

American History: History 473, 474, 475, 476, 477, 478, 479, 480, 482, 485, 487, 492, 493, 495.

Asian/Latin/Other: History 444, 445, 446, 447, 448, 449, 454, 468, 469, 489, 494.

British/European: History 409, 410, 416, 418, 419, 423, 424, 429, 433, 434, 437, 438, 439, 440.

## Department of Kinesiology and Health Studies

The Bachelor of Science in Health and Physical Education Grades K-12 fulfills Louisiana requirements for teacher certification in both health and physical education (K-12). Graduation requirements include a 2.5 GPA and earning a grade of "C" or better in all major courses plus courses in mathematics, English, and the sciences. Students must also earn passing scores on teacher licensure exams (PRAXIS), complete a professional portfolio, and meet other requirements of the University's teacher education program described in the College of Education section of this catalogue.

### Curriculum in Health and Physical Education Grades K-12 Leading to the Degree of Bachelor of Science

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 <sup>2,G</sup> .....	3	English 102 <sup>2,G</sup> .....	3
Mathematics 151/161 <sup>2,G</sup> .....	3	Mathematics 162 or 241 <sup>2,G</sup> .....	3
Psychology 101 <sup>2,G</sup> .....	3	††Health Studies 133.....	3
††Health Studies 131.....	2	††Health Studies 162.....	3
††Kinesiology Lab 2xx <sup>1</sup> .....	1	††Kinesiology Lab 2xx <sup>1</sup> .....	1
††Kinesiology Lab 2xx <sup>1</sup> .....	1	††Kinesiology Lab 2xx <sup>1</sup> .....	1
††Kinesiology Lab 2xx <sup>1</sup> .....	1	††Kinesiology Lab 2xx <sup>1</sup> .....	1
Southeastern 101.....	2		
	<hr/> 16		<hr/> 15

#### Second Year

English 230, 231, or 232 <sup>2,G</sup> .....	3	Zoology 250 <sup>2,G</sup> .....	3
General Biology 151 <sup>2,G</sup> .....	3	Zoology Lab 252 <sup>2</sup> .....	1
Biology Lab 152 <sup>2</sup> .....	1	††Educ Psych 301 or Psychology 204 <sup>G</sup> .....	3
Communication 210 <sup>2,G</sup> .....	3	††Health Studies 251.....	3
†††Education 202.....	3	††Kinesiology 251.....	3
††Kinesiology Lab 2xx <sup>1</sup> .....	1	††Kinesiology 321.....	3
††Kinesiology 275.....	3		
	<hr/> 17		<hr/> 16

#### Third Year

††Education 315 or 316.....	3	††Kinesiology 362.....	3
††Education 472.....	3	††Kinesiology 372.....	3
††Kinesiology 351.....	3	††Kinesiology 431.....	3
††Kinesiology 392.....	3	††Kinesiology 436.....	3
††Kinesiology 491.....	3	††Kinesiology 460.....	3
††Health Studies 461.....	3	††Health Studies 401.....	3
	<hr/> 18		<hr/> 18

#### Fourth Year

History Elective <sup>G</sup> .....	3	Education 486.....	9
Chemistry 101 <sup>2,G</sup> .....	3		
Music, Art, Dance, or Theatre <sup>G</sup> .....	3		
††Education 453.....	6		
	<hr/> 15		<hr/> 9

Total semester hours required:

124

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>6</sup>General Education Courses

<sup>††</sup>Major course; grade of C or higher is required.

<sup>†††</sup>Major course; grade of B or higher is required.

<sup>†</sup>Kinesiology Labs required for this degree are: 209, 210, 214, 221, 224, 226, and 228.

<sup>2</sup>Grade of "C" or higher is required.

# The College of Nursing and Health Sciences

Ann Carruth, *Dean*  
Ralph Wood, *Assistant Dean*

The College of Nursing and Health Sciences offers a variety of innovative curricula at the graduate and undergraduate levels that prepare graduates to meet the current and future wellness and health care demands of the region. Students have the opportunity to interact closely with faculty in programs that are challenging and exciting while developing the competencies required for functioning effectively in health related disciplines.

The College of Nursing and Health Sciences is composed of the Departments of Health and Human Sciences, Kinesiology and Health Studies, and the School of Nursing.

## **The Department of Health and Human Sciences offers the following degree programs:**

- Communication Sciences and Disorders - Bachelor of Science
- Communication Sciences and Disorders - Master of Arts
- Counseling - Master of Science
- Family and Consumer Sciences - Bachelor of Science
- Health Systems Management – Bachelor of Science
- Social Work - Bachelor of Arts

## **The Department of Kinesiology and Health Studies offers the following degree programs:**

- Athletic Training - Bachelor of Science
- Health Education and Promotion - Bachelor of Science
- Health and Physical Education, Grades K-12 - Bachelor of Science
- Kinesiology - Bachelor of Science
- Sport Management - Bachelor of Science

## **School of Nursing offers the following degree programs:**

- Nursing - Bachelor of Science in Nursing
- Nursing - Master of Science
- Nursing Practice - Doctor

## Graduation Requirements

In order to obtain a baccalaureate degree in the College of Nursing and Health Sciences, a student must successfully complete two sets of academic requirements: University requirements and departmental requirements.

**University Requirements:** The University requirements are listed elsewhere in this General Catalogue.

### **Departmental/Program Requirements:**

Fulfillment of the requirements specified by the department offering the program of study in the student's major.

1. Courses in each curriculum which will be used in calculating the grade point average in the major are identified by a “††.”
2. All departments require that a cumulative or degree grade point average of 2.0 or higher be earned in the major.

**Honors Diploma in the Discipline**

The College of Nursing and Health Sciences offers upper-division honors curricula allowing students to earn an honors diploma in a specific discipline at graduation. For information about requirements and honors courses in your major, please contact the department in which you are majoring.

**Internship and Capstone Courses**

Students in each undergraduate degree program offered by the College of Nursing and Health Sciences are required to complete internships and/or capstone courses. These experiences give students real-world training and prepare them for the workforce upon graduation.

**The Department of Health and Human Sciences Capstone Courses****Communication Sciences and Disorders - Bachelor of Science**

**CSD 416. Management of Child Language Disorders.** This course provides an overview of children's language disorders. Linguistic and extra linguistic characteristics associated with various disorders are discussed, and the bases for differential diagnosis are provided. General and specific strategies for intervention are introduced.

**Family and Consumer Sciences - Bachelor of Science**

**FCS 487. Field Experience in Human Development and Family Studies.** Students in this course gain an understanding the practice, administration and promotion of the principles of human development and family studies through supervised work experience.

**FCS 488. Field Experience in Nutrition Education and Promotion.** Students in this course gain an understanding of the operation and management of Family and Consumer Sciences career activities through supervised work experience in the area of Nutrition Education and Promotion.

**FCS 489. Field Experience in Fashion Merchandising.** Students in this experience engage in practical work experience in an approved Fashion Merchandising site. A minimum of 120 hours of supervised work activities outside of the classroom are required.

**Health Systems Management – Bachelor of Science**

**HSM 497. Internship in Healthcare.** This is a senior-level internship where students engage in practical experiences in the field. A minimum of 320 hours is required. Students will demonstrate the ability to apply concepts, methods and theories of healthcare management in a healthcare setting.

**HSM 498. Internship in Healthcare Quality Improvement.** This is a senior-level internship where students engage in practical experiences in the field. A minimum of 320 hours is required. Students will demonstrate the ability to apply concepts, methods and theories of healthcare quality improvement in a healthcare setting.

**HSM 499. Internship in Care Coordination.** This is a senior-level internship where students engage in practical experiences in the field. A minimum of 320 hours is required. Students will demonstrate the ability to apply concepts, methods and theories of medical case management in a healthcare setting.

**Social Work - Bachelor of Arts**

**SW 497. Integrative Field Seminar.** This course serves as an integrative seminar in conjunction with the field practicum experience. This is a capstone course; therefore, the material covered addresses all social work foundation areas from the perspective of a generalist social work practitioner. Emphasis on values and ethics, diversity and research are all addressed all throughout the course. Students are guided through course work and assignments to implement the generalist model with their various client systems in a rural practicum settings.

**SW 498. Internship.** This course consists of a minimum of 430 hours of field experience in a social agency under the direct supervision of a qualified social worker.

## The Department of Kinesiology and Health Studies Capstone Courses

### Athletic Training - Bachelor of Science

**ATLB 417. Clinical Integration and Field Experiences in Athletic Training.** Students continue developing their clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment, and under the supervision of a qualified approved clinical instructor. Particular emphasis will be placed on exposure to upper and lower extremity sports.

### Health and Physical Education, Grades K-12 - Bachelor of Science

**EDUC 486: Student Teaching II: Secondary Schools.** This course is an all-day, all-semester student teaching experience that includes observation, participation and a minimum of 180 actual clock hours of teaching (with a substantial portion of the 180 hours in full day teaching) under the supervision of the assigned cooperating school teacher.

### Health Education and Promotion - Bachelor of Science

**HS 410. Internship in Health Education and Promotion.** This course is a senior-level field work experience that provides an opportunity for students to perform all the health promotion activities that a regularly-employed staff member would be expected to perform. The purpose is to prepare professionals with practical skills for promoting health-enhancing strategies in others. Students complete a minimum of 320 field-based hours.

### Kinesiology - Bachelor of Science

**KIN 410. Internship in Kinesiology.** This course is a senior-level field work experience offered at a setting that directly relates to the student's academic preparation, intended employment or area of interest. The purpose is to provide an opportunity for students to perform and demonstrate professional competencies that a regularly employed staff member would be expected to perform. Students complete a minimum of 320 field-based hours.

### Sport Management - Bachelor of Science

**KIN 490. Internship in Sport Management.** During the last semester of the senior year, a final field experience is required for all sport management students. Students will gain experience in methodologies, administration techniques and programs specific to the internship site.

## The School of Nursing Capstone Courses

### Nursing - Bachelor of Science in Nursing

**NLAB 473. Nursing Care of the Childbearing Family Lab.** This course provides clinical practice opportunities to synthesize nursing knowledge, use of the nursing process, and to reflect on learning experiences during the care of childbearing families and neonates. Focuses on therapeutic nursing interventions including patient care technologies, information systems and communication devices to promote, maintain, and restore families' health during the childbearing period. Provides activities for students to further develop critical thinking, decision-making, and communication skills. Includes learning experiences in a variety of health care settings with attention to existing health care policies and regulatory guidelines. Sixteen hours of laboratory per week.

**NLAB 477. Nursing Care of Infants, Children, and Adolescents Lab.** This course provides clinical practice opportunities to synthesize nursing knowledge, evaluate use of nursing process, and reflect on learning experiences during the care of infants, children, and adolescents. Focuses on therapeutic nursing interventions to promote, maintain, and restore health. Provides activities for students to

further develop critical thinking skills, decision making skills, and communication skills. Includes clinical learning experiences in a variety of health care settings. Fifteen laboratory hours a week.

**NLAB 488. Promoting a Healthy Community Lab.** This course focuses on developing, implementing and evaluating health promotion, and disease prevention interventions for a target population within a community. Students collaborate with peers and members of the community to implement all phases of the nursing process within the community context informed by assessment data, socio-cultural characteristics, and environmental and political influences. Students function as managers and providers of nursing services to a target population within a community, documenting all phases of care and disseminating outcomes of planned target population interventions.

**NLAB 489. Advanced Concepts in Nursing Practice Lab.** This course provides opportunities to refine critical thinking, decision-making and communication skills in nursing care of diverse populations across the lifespan in an ever-changing and complex healthcare environment. Supports activities to synthesize nursing knowledge, apply appropriate nursing interventions and evaluate the use of phases of the nursing process. Integrates safety, quality improvement and healthcare policies throughout the course to reflect current standards of professional practice. Prepares each student to function effectively and efficiently in entry-level caregiver, manager and team member nursing roles. Fifteen hours of laboratory a week.

## School of Nursing

Eileen Creel, *Department Head*

The School of Nursing is composed of the Bachelor of Science in Nursing degree, the Intercollegiate Consortium for a Master of Science in Nursing, and the Doctor of Nursing Practice programs. All programs are approved by the Louisiana State Board of Nursing and are accredited by the Commission for Collegiate Nursing Education, 1 Dupont Circle, NW, Suite 530, Washington, D.C., telephone 202-887-6791.

### Undergraduate Program Goals

1. To prepare professional nurses by providing nursing curriculum incorporating essential elements of baccalaureate nursing education, professional standards of care, research, and evidence-based nursing knowledge, enhanced by support courses in arts, sciences and humanities.
2. To prepare professional nurses as generalist providers and managers of nursing services within diverse healthcare environments, to prevent disease, and to promote and restore the health of individuals, families, groups, communities, and populations across the lifespan.
3. To prepare professional nurses to effectively utilize information management and patient care technology, and to communicate and collaborate with other healthcare professionals to achieve delivery of efficient, ethical, safe, high quality client care.
4. To prepare professional nurses as leaders in advocating for change to processes, policies, and regulations to improve healthcare delivery systems and client outcomes, and promote the values and advancement of the nursing profession.

### Undergraduate Program Outcomes

Upon completion of the nursing program, graduates will:

1. Provide nursing care by incorporating knowledge from a liberal education in the arts, sciences, and humanities.
2. Demonstrate leadership and management skills in the design and implementation of nursing care.
3. Act as nurse advocates by considering factors related to safety and cost in implementing nursing care and in evaluating the quality and effectiveness of nursing care.
4. Incorporate research and evidence-based findings, current knowledge and competencies in nursing practice.
5. Demonstrate the ability to utilize information management and patient care technology in the delivery of nursing care.
6. Provide nursing care guided by professional nursing practice standards, healthcare policies, applicable statutes and regulations, and safe environmental health practices.
7. Use professional communication and collegiality when collaborating with interdisciplinary health team members.
8. Promote the health of individuals, families, groups, communities, and populations by participating in health promotion and disease prevention activities.
9. Incorporate professionalism and ethical principles in the delivery of nursing care.
10. Utilize each phase of the nursing process in the delivery of nursing care of individuals, families, groups, communities, and populations across the lifespan in diverse healthcare environments.

### General Requirements

#### Additional School or Nursing Graduation Requirements

Students in the School of Nursing must meet the following requirements for graduation in addition to general University requirements listed elsewhere: Earn a degree GPA of 2.5, and a GPA of 2.3 in the major.



### Selective Progression and Retention in the School of Nursing

The nursing profession has the responsibility of safeguarding the nursing care of society; therefore, the School of Nursing of Southeastern Louisiana University reserves the right to recruit, admit, and retain only those students who demonstrate evidence of being academically, physically, mentally, and emotionally capable of performing safe acts of nursing in a professional manner.

The School of Nursing will permit only those students who have been formally accepted for progression in the nursing program to register for required courses in nursing.

The number of students selected for progression each semester will vary according to the resources available to the School of Nursing.

#### Progression Procedures and Policy

1. Students are required to submit an Application for Progression in the School of Nursing and must be accepted before enrolling in nursing courses.
2. The Application for Progression must be on file in the office of the Department Head, Hammond Campus, by February 1 in the Spring Semester to enroll in the Fall Semester, and by September 1 in the Fall Semester to enroll in the Spring Semester.
3. All applicants for progression will be processed by the School of Nursing Progression and Retention Committee.
4. All students in the School of Nursing must be formally accepted before enrolling in any required nursing courses.
5. Selection for admission is based on criteria established by the Progression and Retention Committee of the School of Nursing. Students are evaluated on criteria in place on the application deadline date. Students who meet the following criteria will be considered for progression:
  - a. Cumulative GPA of 3.0 or better in degree prerequisite courses.
  - b. A student must complete the sequence of the required GBIO 151, BIOL 152, ZOO 250, ZOOL 252, ZOO 251, and ZOOL 253 courses with a "C" or better, within 6 regular semesters, to be eligible to apply to the clinical coursework of the School of Nursing. Students will not be considered eligible for progression to apply for nursing clinical coursework if completion of these biology/zoology courses exceeds 6 regular semesters.
  - c. Grades of "C" or better in all prerequisite courses.
  - d. Current enrollment at Southeastern in all remaining prerequisite courses with documentation on file in the School of Nursing.
  - e. Evidence of health compatible with curriculum requirements.
6. A history and physical examination will be required prior to taking the first clinical course. Enrollment in Nursing 314, 315, 332, and 334 requires a student history and physical examination using forms furnished by the School of Nursing. The examination report must be submitted four weeks prior to the semester the student enters the course. The School of Nursing reserves the right to investigate situations which may affect the student's ability to function. In addition, a physician's release may be required.
7. Students who have health conditions that may prevent their meeting the objectives of the program or a course in the program or that may cause potential injury to that student or to the clients for whom he/she cares, will be required to have a personal interview with the Department Head or dean or with an appropriate School of Nursing Committee.
8. Drug testing will be required.

9. At the time of acceptance into the first semester of nursing courses, all students will be required to have a state and federal background check at their expense. As a current requirement of the Louisiana State Board of Nursing, students will be required to have a second criminal background check completed at the time of graduation and application for licensure.
10. Students who have had a license to practice nursing or to practice as another healthcare provider denied, revoked, suspended, or otherwise restricted, and students who have been arrested or convicted of a crime or offense or entered a plea of guilty or nolo contendere to a criminal charge regardless of final disposition of the criminal proceeding, including, but not limited to expungement or non-adjudication, shall petition the School of Nursing and the Louisiana State Board of Nursing for review and action regarding their right to practice as students of nursing in Louisiana prior to entry into the first nursing laboratory course. Students must immediately report to the School of Nursing Department Head any change in their status after being admitted with regard to the above statement.
11. Students enrolled in clinical nursing courses are further required to submit evidence every two years of certification in cardiopulmonary resuscitation (American Heart Association Health Care Provider Course). Any student not complying will be withdrawn from nursing laboratory courses.
12. Students who are transferring from another nursing degree program must submit a letter of good standing from the dean/director of all previously attended programs. Students not in good standing may appeal to progress by submitting a letter explaining the circumstances of failing to graduate from another nursing program, reasons for wanting to transfer to Southeastern's nursing program, and reasons why the student believes he/she will be successful if admitted to the program. Appropriate documentation to support the appeal should accompany the request for consideration.

#### Retention Procedures and Policy

1. After acceptance, students must maintain a degree GPA of 2.5 or better, a degree GPA 2.3 in the major, and achieve a "C" or better in each required nursing course to meet graduation requirements.
2. Students will be permitted to enroll in any nursing courses only twice.
3. Students will be permitted to repeat only two nursing courses.
4. A student who is in violation of progression in the School of Nursing may be granted Amnesty after 4 years. The student will be required to submit a new application to progress to nursing course work to the School of Nursing. The application will be processed based on the cumulative GPA on degree prerequisites in the same manner as all new applications. If cumulative GPA meets selection criteria, the student will be allowed to be admitted to progress as a new student. The student will be required to enroll in all nursing courses and earn a "C" or better to progress.

#### Equipment and Supplies

Students are responsible for providing the following equipment and supplies:

- Bandage scissors
- Uniforms: 2
- White shoes and socks or stockings
- White laboratory coat: 1
- Name pin
- Watch with sweep second hand
- Penlight
- Stethoscope
- Safety glasses/goggles

## Fees

Once nursing students progress to the clinical component of the degree, a Professional Degree fee will be assessed each semester.

The Louisiana State Board of Nursing<sup>1</sup> may also assess various fees.

In addition to the regular University fees listed in the General Catalogue, nursing students, prior to or upon program completion, must assume cost for the following:

- Louisiana State Board of Nursing Licensure fee
- National Council of State Boards of Nursing Examination fee

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<sup>1</sup>All fees to the Board of Nursing are subject to change as they are determined by the Board.

## Class/Clinical Laboratory Experiences

Students will have clinical nursing experiences in selected health agencies located in the Southeast region of Louisiana. Students may have course work on both the Hammond Campus and Baton Rouge Center. Students are responsible for own transportation to and from all agencies.

## Degrees

Upon successful completion of the prescribed course of study in the School of Nursing, the student will be granted the academic degree of Bachelor of Science and will be eligible to take the National Council Licensure Examination for licensure to practice in the state as a registered nurse. The School of Nursing hereby disclaims any warranty that the program completed by a student will guarantee that the student will pass any specific examinations for any course, degree, or occupational license.

## Achievement Examinations

All students enrolled in the School of Nursing are required to take standardized achievement examinations in areas of Nursing selected by the faculty at appropriate times in the curriculum.

## Baccalaureate Program in Nursing for Students with Prior Bachelor's Degree

The School of Nursing offers an accelerated option for students with a prior bachelor's degree. Students may receive credit for prerequisite course requirements using prior degree credits. Students are usually admitted in a spring or summer semester. Program length is approximately 18 months.

## Baccalaureate Program in Nursing for Registered Nurses

Registered Nurses (R.N.), in Louisiana, with an associate degree or diploma, are eligible for admission to the baccalaureate degree in the Nursing program at Southeastern. Registered nurses seeking a Bachelor of Science in Nursing should follow the admission procedures specified elsewhere in this catalogue to be granted acceptance into the School of Nursing. An admission application must be on file in the office of the Department Head, Hammond campus by January 1 to enroll in the spring semester or by August 1st to enroll in the fall semester. In addition, the following information applies:

R.N. students may receive credit through validation for nursing knowledge gained in their prior program or work experience. R.N. students may receive a 15 hour "block credit" based on prior learning and work experience as a R.N. to meet the prerequisite requirement to enter the R.N. to Bachelor of Science degree program. The 15 hour "block credit" for prerequisites may be granted for the following courses: CHEM 107, FCS 251, LS 102, MATH 161, MICL 224, ZOOL 252, ZOOL 253, and BIOL 152 OR BIOL 155.

R.N. students must complete 31 nursing credit hours to meet the requirements for a baccalaureate degree. Twenty-two of those hours are earned through completion of the following required nursing courses: NURS 304, 319, 331, 332, 333, 378, 479, 482, 487, and NLAB 488. The remaining nine credit hours may be chosen by the R.N. with assistance from the faculty advisor.

A maximum of 30 nursing credit hours may be awarded by transfer credit, transfer "block credit" or advanced placement examinations. The criteria for awarding 30 nursing credit hours for each option follows:

#### \*30 Nursing Credit Hours by Direct Transfer

Thirty credit hours awarded by direct transfer of academic nursing course credit.

30 credit hours awarded by direct transfer of academic nursing course credit. Criteria for awarding direct transfer credit are as follows:

- Graduate of regionally accredited institution.
- Graduate of a NLNAC program.
- Registered to practice nursing in Louisiana and in good standing with LSBN.
- One or more years of current nursing practice experience as determined by the Department Head.

#### \*30 Credit Hours by "Block Credit"

Awarded by meeting one of the following two items:

- **Associate Degree Nurses:** An Associate Degree in Nursing (ADN) from a US institution that is both regionally accredited and accredited by ACEN (formerly NLNAC) OR NLN CNEA, with a GPA of 2.5 or higher in all coursework related to the ADN and any non-nursing courses that transfer into the Program.
- **Diploma Nurses:** Completion of a diploma program in nursing which is accredited by ACEN (formerly NLNAC) OR NLN CNEA from a regionally accredited US institution.

**Note:** Individuals with an ADN or diploma from institutions that are not ACEN or CNEA accredited are not eligible for enrollment in the RN to BSN Program.

### Baccalaureate Program in Nursing for Licensed Practical Nurses

To expedite the progression of the Licensed Practical Nurse within the curriculum, the Licensed Practical Nurse will be afforded the opportunity to challenge 10 hours of nursing courses either through proficiency examination and/or competency appraisal.

Criteria for awarding credit are as follows:

- Registered to practice nursing in Louisiana and in good standing with LSBPN.
- Graduate of approved LPN program.
- One or more years of current nursing practice.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

**Curriculum in Nursing  
Leading to the Degree of Bachelor of Science**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101, 121H, or 123H <sup>1,G</sup> .....	3	English 102, 122H or 124H <sup>1,G</sup> .....	3
Mathematics 151/161 <sup>1,G</sup> .....	3	Psychology 101 <sup>1</sup> .....	3
General Biology 151 <sup>1,G</sup> .....	3	Chemistry 107 <sup>1,G</sup> .....	4
Biology Laboratory 152 <sup>1</sup> .....	1	Zoology 250 <sup>1,G</sup> .....	3
Sociology 101 <sup>1,G</sup> .....	3	Zoology Lab 252 <sup>1</sup> .....	1
Library Science 102 <sup>1</sup> .....	1	Math 241 <sup>1,G</sup> .....	3
Southeastern 101 <sup>1</sup> .....	2		
	16		17

**Second Year**

FCS 251 <sup>1</sup> .....	3	Communication 211 <sup>1,G</sup> .....	3
English 230, 231, or 232 <sup>1,G</sup> .....	3	††Nursing 339 .....	2
Microbiology 223 <sup>1</sup> .....	3	††Nursing 314 <sup>2,3</sup> .....	2
Microbiology Lab 224 <sup>1</sup> .....	1	††Nursing Lab 315 <sup>2,3</sup> .....	1
Zoology 251 <sup>1</sup> .....	3	††Nursing 319 <sup>3</sup> .....	3
Zoology Laboratory 253 <sup>1</sup> .....	1	††Nursing Lab 305 <sup>3</sup> .....	1
Psychology 204 <sup>1,G</sup> .....	3	††Nursing 333 <sup>4</sup> .....	3
	17		15

**Third Year**

††Nursing 331 <sup>3</sup> .....	3	††Nursing 372 .....	2
††Nursing 332 .....	1	††Nursing 375 .....	2
††Nursing Lab 334 .....	1	††Nursing Lab 382 <sup>3</sup> .....	6
††Nursing 371 <sup>2,3</sup> .....	2	††Nursing 383 .....	2
††Nursing Lab 373 <sup>2</sup> .....	3	††Nursing Lab 335 .....	1
††Nursing 378 <sup>4</sup> .....	2	††Art Elective .....	3
History <sup>1,G</sup> .....	3		
	15		16

**Fourth Year**

††Nursing 471 .....	2	††Nursing 479 <sup>4</sup> .....	2
††Nursing Lab 473 .....	3	††Nursing 487 <sup>3</sup> .....	3
††Nursing 475 .....	2	††Nursing Lab 489 <sup>4</sup> .....	5
††Nursing Lab 477 .....	3	††Nursing 482 .....	1
††Nursing Lab 403 .....	1	††Nursing Lab 488 .....	1
††Nursing 485 .....	1		
	12		12

**Total Semester Hours**

**120**

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††Major course; grade of C or higher is required.

<sup>1</sup>Grade of "C" or better required.

<sup>2</sup>LPN's, see department for advising.

<sup>3</sup>Required to fulfill in part 22 hours of nursing credits required by the Registered Nurse to meet degree requirements. Additional 6 hours required plus nine approved nursing electives must also be used to meet degree requirements.

<sup>4</sup>Courses required for Honors degree in nursing. Contact the Honors Program for other requirements.

## Department of Health and Human Sciences

Jacqueline Guendouzi, *Department Head*

The Department of Health and Human Sciences, under the aegis of the College of Nursing and Health Studies, offers undergraduate programs in Communication Sciences and Disorders, Family and Consumer Sciences, Health Systems Management, and Social Work and graduate programs in Communication Sciences and Disorders and Counseling.

### Internship, Clinical, and Field Study Requirements

Students majoring in any degree within Health and Human Sciences may be required to participate in a drug screening program and submit information for criminal background checks as part of clinical/internship/field study requirements. Students may also be required to receive a physical examination from a licensed and qualified health care professional, provide proof of current immunizations (measles, mumps and rubella, Hepatitis B and TB skin test), and maintain CPR certification (American Red Cross-Professional Rescuer or American Heart Association-Healthcare Provider). Additional fees may be associated with those requirements.

### Bachelor of Science Communication Sciences and Disorders

The Communication Sciences and Disorders program offers an undergraduate curriculum leading to the degree of Bachelor of Science. This four-year curriculum prepares students to serve individuals with communication disorders. Clinical practica are required. Students should plan to pay a lab fee for each clinical course. Students enrolled in clinical practica courses will be subject to a criminal background check. The program also offers curriculum and external clinical practica leading to a Master of Science degree in Communication Sciences and Disorders. Please refer to the Graduate Studies section of this catalogue.

### Retention Policy and Procedures

1. Students must have a cumulative grade point average of 2.5 to enroll in CSD 300-400 level courses.
2. Students must earn a grade of "C" or better in major course work (i.e., CSD 300-400 level courses).
3. Students who do not earn a grade of "C" or better in major course work (i.e., 300-400 level courses) may repeat the course one time in order to earn a higher grade.

### Speech-Language-Hearing Clinic

The Communication Sciences and Disorders program operates the campus-based Speech-Language-Hearing Clinic. The Clinic serves as a teaching facility for the application of clinical methodology and sound theoretical principle. It also affords students the opportunity to employ scientific methodology of research to the clinical and supervisory processes. The clinic functions to provide quality services to individuals who have communication disorders.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

**Curriculum in Communication Sciences and Disorders  
Leading to the Degree of Bachelor of Science**

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>1,G</sup> .....	3	English 102 or 122H or 124H <sup>1,G</sup> .....	3
Math 105 or 151/161 <sup>1,G</sup> .....	3	History 101 or 102 <sup>G</sup> .....	3
CSD 101 <sup>1</sup> .....	3	GBIO 151 <sup>1,G</sup> .....	3
CSD 203 <sup>1</sup> .....	3	BIOL 152 <sup>1</sup> .....	1
Southeastern 101 .....	2	CSD 205 <sup>1</sup> .....	3
		Psychology 101 <sup>G</sup> .....	3
	<hr/> 14		<hr/> 16
<b>Second Year</b>			
English 230, 231, or 232 <sup>1,G</sup> .....	3	Math 241 <sup>1,G</sup> .....	3
CSD 201 <sup>1</sup> .....	3	CSD212 <sup>1</sup> .....	3
CSD 213 <sup>1</sup> .....	3	††CSD 415 <sup>2,3</sup> .....	3
Zoology 250 <sup>1,G</sup> .....	3	History 201 or 202 .....	3
Zoology Lab 252 <sup>1</sup> .....	1	Physical Science Elective <sup>G</sup> .....	3
Communication 211 <sup>G</sup> .....	3		
	<hr/> 16		<hr/> 15
<b>Third Year</b>			
††CSD 309 <sup>2</sup> .....	3	††CSD 327 <sup>2</sup> .....	3
††CSD 326 <sup>2,3</sup> .....	3	††CSD 328 <sup>2</sup> .....	3
Psychology 204 <sup>G</sup> .....	3	††CSD 416 <sup>2,3</sup> .....	3
Health Sciences 131 .....	2	English 322 or 448 .....	3
Art, Music, Dance or Theatre <sup>G</sup> .....	3	Psychology 220 or HS 440 .....	3
Elective .....	3		
	<hr/> 17		<hr/> 15
<b>Fourth Year</b>			
††CSD 300 <sup>2,4</sup> .....	3	††CSD 410 <sup>2,4</sup> .....	3
††CSD 329 <sup>2,3</sup> .....	3	††CSD 411 <sup>2</sup> .....	3
Library Science Education 401(LSED 401) ....	3	Elective.....	3
Elective .....	3	Elective .....	3
		Elective.....	3
	<hr/> 12		<hr/> 15
<b>Total semester hours required</b>			<b>120</b>

Southeastern 101 is not required of transfer or readmit Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††Major course; grade of C or higher is required.

<sup>1</sup>Grade of "C" or better required.

<sup>2</sup>Cumulative GPA of 2.5 or better is required prior to registration in upper level division CSD course work (300 or 400 level).

<sup>3</sup>Honors option; for information about requirements and honors courses in this department, please contact the Department Head.

<sup>4</sup>CSD 409, or approved related 300 or 400 MAJOR Elective taken from Communication Sciences & Disorders, Psychology, Health Studies, Human Development & Family Studies, or Education can be substituted for CSD 300 or CSD 410 with Department Head approval.

## Bachelor of Science Family and Consumer Sciences

The Family and Consumer Sciences undergraduate degree program includes study in the areas of child life, human development and family studies, fashion merchandising, and nutrition education and promotion. The educational goal is to provide instruction in areas of FCS that will prepare students for advanced study in graduate programs, or to assume professional roles through careers in business, industry, agencies, hospitals, and educational settings.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Curriculum in Family and Consumer Sciences Leading to the Degree of Bachelor of Science Child Life Specialist Concentration

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Social Sciences Elective <sup>G</sup> .....	3	Communication 210 or 211 <sup>G</sup> .....	3
Music, Visual Arts, Dance, or Theatre <sup>G</sup> .....	3	††PSYC 101 <sup>G</sup> .....	3
*English 101 or 121H or 123H <sup>G</sup> .....	3	*English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Southeastern 101 .....	2	Biological Science <sup>G</sup> .....	3
††FCS 100 .....	1		
	15		15
<b>Second Year</b>			
English 230, 231, or 232 <sup>G</sup> .....	3	††FCS 302 .....	3
Physical Science Elective <sup>G</sup> .....	3	††FCS 324 .....	3
*NURS 214 .....	3	Second Science Sequence <sup>G</sup> .....	3
††NURS 215 or 341 .....	3	††FCS 304 .....	3
††FCS 321 .....	3	††FCS 342 .....	3
	15		15
<b>Third Year</b>			
††FCS 345 .....	3	††FCS 320 or 322 .....	3
††FCS 346 .....	3	††FCS 328 .....	3
††FCS 412 .....	3	*ENGL 322 .....	3
††FCS 441 .....	3	††FCS 326 .....	3
††FCS 325 .....	3	††FCS 448 .....	3
	15		15
<b>Fourth Year</b>			
††FCS 421 .....	3	††FCS Electives .....	6
††FCS 475 .....	3	Electives .....	9
††FCS 371 .....	3		
*PSYC 220 or SW 360 .....	3		
History Elective <sup>G</sup> .....	3		
	15		15
Total semester hours required			120



Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

\*Grade of "C" or better.

††Major Course Grade of "C" or better.

To be eligible for the National Child Life certification exam, students must complete SOC 300 and either NURS 215 or HS 439.

Students must also complete 12 credit hours of FCS 487 in their final semester. By utilizing both FCS and free electives, students will have the opportunity to complete the requirements necessary for exam eligibility within the FCS 120-hour degree plan.

**Curriculum in Family and Consumer Sciences  
Leading to the Degree of Bachelor of Science  
Fashion Merchandising Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Social Science Elective <sup>G</sup> .....	3	††FCS 120.....	3
Music, Visual Arts, Dance, or Theatre <sup>G</sup> .....	3	††PSYC 101 <sup>G</sup> .....	3
*English 101 or 121H or 123H <sup>G</sup> .....	3	*English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Southeastern 101 .....	2	Biological Science <sup>G</sup> .....	3
††FCS 100 .....	1		
	15		15

**Second Year**

English 230, 231, or 232 <sup>G</sup> .....	3	††FCS 302.....	3
Physical Science Elective <sup>G</sup> .....	3	Communication 210 or 211 <sup>G</sup> .....	3
History Elective <sup>G</sup> .....	3	Second Science Sequence <sup>G</sup> .....	3
††FCS 242 .....	3	††FCS 305.....	3
Elective .....	3	Elective.....	3
	15		15

**Third Year**

††FCS 345 .....	3	††FCS 304.....	3
††Marketing 303 .....	3	††FCS 342.....	3
††FCS 412 .....	3	††FCS 420.....	3
††FCS 346 .....	3	††FCS 448.....	3
††FCS Elective .....	3	††ENGL 322.....	3
	15		15

**Fourth Year**

††FCS 421 .....	3	††MRKT 331.....	3
††FCS 475 .....	3	††FCS Elective .....	3
††FCS 371 .....	3	††MGMT 351 .....	3
††FCS 441 .....	3	††FCS 314 .....	3
††MRKT 321.....	3	Elective.....	3
	15		15

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

\*Grade of "C" or better.

††Major Course Grade of "C" or better.

**Curriculum in Family and Consumer Sciences  
Leading to the Degree of Bachelor of Science  
Human Development and Family Studies Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Social Sciences Elective <sup>G</sup> .....	3	††FCS Elective .....	3
Music, Visual Arts, Dance, or Theatre <sup>G</sup> .....	3	††PSYC 101 <sup>G</sup> .....	3
*English 101 or 121H or 123H <sup>G</sup> .....	3	*English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Southeastern 101 .....	2	Biological Science <sup>G</sup> .....	3
††FCS 100 .....	1		
	<hr/> 15		<hr/> 15

**Second Year**

English 230, 231, or 232 <sup>G</sup> .....	3	††FCS 302.....	3
Physical Science Elective <sup>G</sup> .....	3	Communication 210 or 211 <sup>G</sup> .....	3
History Elective <sup>G</sup> .....	3	Second Science Sequence <sup>G</sup> .....	3
††ENGL 322.....	3	††FCS 304.....	3
††FCS Elective .....	3	††FCS 342.....	3
	<hr/> 15		<hr/> 15

**Third Year**

††FCS 345 .....	3	††FCS 321 .....	3
Elective .....	3	††FCS 346.....	3
††FCS 412 .....	3	††HS 251 or SOC 215 .....	3
††FCS 441 .....	3	††FCS 371.....	3
††PSYC 220 or SW 360 .....	3	††FCS 448.....	3
	<hr/> 15		<hr/> 15

**Fourth Year**

††FCS 421 .....	3	FCS Elective.....	3
††FCS 475 .....	3	††FCS 487.....	3
Elective .....	3	††FCS Elective .....	3
††FCS 445 .....	3	††SOC 212 or SOC 336 or SW 303 .....	3
††FCS 320 or 322.....	3	Elective.....	3
	<hr/> 15		<hr/> 15

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

\*Grade of "C" or better.

††Major Course Grade of "C" or better.

**Curriculum in Family and Consumer Sciences  
Leading to the Degree of Bachelor of Science  
Nutrition Education and Promotion Concentration**

<b>First Year</b>			
	S.H.		S.H.
<b>FIRST SEMESTER</b>		<b>SECOND SEMESTER</b>	
Social Sciences Elective <sup>G</sup> .....	3	††HS 133 .....	3
Music, Visual Arts, Dance, or Theatre <sup>G</sup> .....	3	††PSYC 101 <sup>G</sup> .....	3
*English 101 or 121H or 123H <sup>G</sup> .....	3	*English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 105 or 151/161 <sup>G</sup> .....	3	Mathematics 241 <sup>G</sup> .....	3
Southeastern 101.....	2	Biological Science <sup>G</sup> .....	3
††FCS 100 .....	1		
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15
<b>Second Year</b>			
English 230, 231, or 232 <sup>G</sup> .....	3	††FCS 302.....	3
Physical Science Elective <sup>G</sup> .....	3	Communication 210 or 211 <sup>G</sup> .....	3
History Elective <sup>G</sup> .....	3	Second Science Sequence <sup>G</sup> .....	3
††FCS Elective.....	3	††FCS 304.....	3
Elective .....	3	††FCS 342.....	3
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15
<b>Third Year</b>			
††FCS 345 .....	3	††FCS 421 .....	3
Elective .....	3	††FCS 411.....	3
††FCS 412 .....	3	††HS 252 or HS 331.....	3
††FCS 441 .....	3	††FCS 371.....	3
††FCS Elective.....	3	††FCS 346.....	3
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15
<b>Fourth Year</b>			
††FCS 425 .....	3	††FCS 433.....	3
††FCS 475 .....	3	††FCS 448.....	3
††FCS 426 .....	3	††FCS Elective.....	3
††FCS 424 .....	3	††HS 351 or HS 420 or HS 454.....	3
††ENGL 322.....	3	Elective .....	3
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15
<b>Total semester hours required</b>			<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

\*Grade of "C" or better.

††Major Course Grade of "C" or better.

### Minors

Students from other departments of the University may minor in Family and Consumer Sciences. The minor in FCS consists of FCS 346 and eighteen additional hours of FCS electives. Students minoring in FCS must obtain the approval of the Department Head.

**Bachelor of Science  
Health Systems Management**

This degree prepares students to understand current and future healthcare industry trends and issues; to develop, communicate and manage resources and solutions to challenges for healthcare systems; and to improve overall quality and outcomes of healthcare systems and services. Graduates of the Health Systems Management (HSM) program will be prepared to pursue employment in a variety of mid-level work setting including: hospitals, healthcare clinics, consulting companies, insurance providers, community facilities, and not-for-profit as well as managed care organizations. The following career-based concentrations are offered: Healthcare Management, Healthcare Quality Improvement, Care Coordination. Students must consult with their academic advisor for selection of appropriate concentration electives.

**Curriculum in Health Systems Management  
Leading to the Degree of Bachelor of Science  
Healthcare Management Concentration**

**First Year**

SUMMER	S.H.
†General Biology 151 <sup>G</sup> .....	3
†English 101 <sup>G</sup> .....	3
†Psychology 101 or Sociology 101 <sup>G</sup> .....	3
	9

FIRST SEMESTER	
†Communication 211 <sup>G</sup> .....	3
†English 102 <sup>G</sup> .....	3
†History Elective <sup>G</sup> .....	3
†Mathematics 105 or 151/161 <sup>G</sup> .....	3
†Zoology 250 <sup>G</sup> .....	3
Southeastern 101 .....	2
	17

SECOND SEMESTER	
†English 230, 231, or 232 <sup>G</sup> .....	3
†Mathematics 241 <sup>G</sup> .....	3
†Music, Visual Arts, Dance, or Theatre <sup>G</sup> .....	3
†Social/Behavioral Elective <sup>1,G</sup> .....	3
†Zoology 251 .....	3
†Chemistry 101 <sup>G</sup> .....	3
	18

**Second Year**

SUMMER	S.H.
††Health Systems Management 200 .....	3
††Health Systems Management 210 .....	3
	6

THIRD SEMESTER	
††Health Systems Management 220 .....	3
††Health Systems Management 240 .....	3
††Health Systems Management 250 .....	3
††Health Systems Management 260 .....	3
††Health Sciences 270 .....	3
††Nursing 313 .....	3
	18

FOURTH SEMESTER	
††Health Studies 360 .....	3
††Health Systems Management 350 .....	3
††Health Systems Management 355 .....	3
††Health Systems Management 365 .....	3
††Health Systems Management 370 .....	3
††Health Systems Management 375 .....	3
	18

**Third Year**

SUMMER	S.H.
††Health Systems Management 400 .....	3
††Health Systems Management 410 .....	3
	6

**FIFTH SEMESTER**

††Health Systems Management 420 .....	2
††Health Systems Management 430 .....	3
††Health Systems Management 433 .....	3
††Health Systems Management 448 .....	3
††Health Systems Management 439 .....	3
	14

**SIXTH SEMESTER**

††Health Systems Management 442 .....	3
††Health Systems Management 480 .....	3
††Health Systems Management 497 .....	8
	17

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses<sup>†</sup>Grade of "C" or better required.<sup>††</sup>Major course; grade of "C" or better required.<sup>†</sup>Social/Behavioral electives must be selected from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, or Sociology.

**Curriculum in Health Systems Management  
Leading to the Degree of Bachelor of Science  
Healthcare Quality Improvement Concentration**

**First Year**

<b>SUMMER</b>	<b>S.H.</b>
†General Biology 151 <sup>G</sup> .....	3
†English 101 <sup>G</sup> .....	3
†Psychology 101 or Sociology 101 <sup>G</sup> .....	3
	9

**FIRST SEMESTER**

†Communication 211 <sup>G</sup> .....	3
†English 102 <sup>G</sup> .....	3
†History Elective <sup>G</sup> .....	3
†Mathematics 105 or 151/161 <sup>G</sup> .....	3
†Zoology 250 <sup>G</sup> .....	3
Southeastern 101 .....	2
	17

**SECOND SEMESTER**

†English 230, 231, or 232 <sup>G</sup> .....	3
†Mathematics 241 <sup>G</sup> .....	3
†Music, Visual Arts, Dance, or Theatre <sup>G</sup> .....	3
†Social/Behavioral Elective <sup>†,G</sup> .....	3
†Zoology 251 .....	3
†Chemistry 101 <sup>G</sup> .....	3
	18

**Second Year**

<b>SUMMER</b>	<b>S.H.</b>
††Health Systems Management 200 .....	3
††Health Systems Management 210 .....	3
	6

**THIRD SEMESTER**

††Health Systems Management 220 .....	3
††Health Systems Management 240 .....	3
††Health Systems Management 250 .....	3
††Health Systems Management 260 .....	3
††Health Sciences 270 .....	3
††Nursing 313 .....	3
	18

**FOURTH SEMESTER**

††Health Studies 360 .....	3
††Health Systems Management 350 .....	3
††Health Systems Management 355 .....	3
††Health Systems Management 365 .....	3
††Health Systems Management 370 .....	3
††Health Systems Management 375 .....	3
	18

**Third Year**

<b>SUMMER</b>	<b>S.H.</b>
††Health Systems Management 400 .....	3
††Health Systems Management 410 .....	3
	6

	6		
<b>FIFTH SEMESTER</b>		<b>SIXTH SEMESTER</b>	
††Health Systems Management 420 .....	2	††Health Systems Management 454 .....	3
††Health Systems Management 430 .....	3	††Health Systems Management 481 .....	3
††Health Systems Management 445 .....	3	††Health Systems Management 498 .....	3
††Health Systems Management 448 .....	3		
††Health Systems Management 451 .....	3		
	<hr/> 14		<hr/> 14
<b>Total semester hours required</b>		<b>120</b>	

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

<sup>†</sup>Grade of "C" or better required.

<sup>††</sup>Major course; grade of "C" or better required.

<sup>†</sup>Social/Behavioral electives must be selected from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, or Sociology.

**Curriculum in Health Systems Management  
Leading to the Degree of Bachelor of Science  
Healthcare Care Coordination Concentration**

**First Year**

<b>SUMMER</b>	S.H.		
<sup>†</sup> General Biology 151 <sup>G</sup> .....	3		
<sup>†</sup> English 101 <sup>G</sup> .....	3		
<sup>†</sup> Psychology 101 or Sociology 101 <sup>G</sup> .....	3		
	<hr/> 9		
<b>FIRST SEMESTER</b>		<b>SECOND SEMESTER</b>	
<sup>†</sup> Communication 211 <sup>G</sup> .....	3	<sup>†</sup> English 230, 231, or 232 <sup>G</sup> .....	3
<sup>†</sup> English 102 <sup>G</sup> .....	3	<sup>†</sup> Mathematics 241 <sup>G</sup> .....	3
<sup>†</sup> History Elective <sup>G</sup> .....	3	<sup>†</sup> Music, Visual Arts, Dance, or Theatre <sup>G</sup> .....	3
<sup>†</sup> Mathematics 105 or 151/161 <sup>G</sup> .....	3	<sup>†</sup> Social/Behavioral Elective <sup>1,G</sup> .....	3
<sup>†</sup> Zoology 250 <sup>G</sup> .....	3	<sup>†</sup> Zoology 251 .....	3
Southeastern 101 .....	2	<sup>†</sup> Chemistry 101 <sup>G</sup> .....	3
	<hr/> 17		<hr/> 18

**Second Year**

<b>SUMMER</b>	S.H.		
††Health Systems Management 200 .....	3		
††Health Systems Management 210 .....	3		
	<hr/> 6		
<b>THIRD SEMESTER</b>		<b>FOURTH SEMESTER</b>	
††Health Systems Management 220 .....	3	††Health Studies 360 .....	3
††Health Systems Management 240 .....	3	††Health Systems Management 350 .....	3
††Health Systems Management 250 .....	3	††Health Systems Management 355 .....	3
††Health Systems Management 260 .....	3	††Health Systems Management 365 .....	3
††Health Sciences 270 .....	3	††Health Systems Management 370 .....	3
††Nursing 313 .....	3	††Health Systems Management 375 .....	3
	<hr/> 18		<hr/> 18

**Third Year****SUMMER**

S.H.

††Health Systems Management 400 ..... 3

††Health Systems Management 410 ..... 3

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6**FIFTH SEMESTER**

††Health Systems Management 420 ..... 2

††Health Systems Management 430 ..... 3

††Health Systems Management 448 ..... 3

††Health Studies 454..... 3

††Nursing 233 ..... 3

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14**SIXTH SEMESTER**

††Health Systems Management 470 ..... 3

††Health Systems Management 482 ..... 3

††Health Systems Management 499 ..... 8

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14

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>o</sup>General Education Courses

<sup>†</sup>Grade of "C" or better required.

<sup>††</sup>Major course; grade of "C" or better required.

<sup>†</sup>Social/Behavioral electives must be selected from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, or Sociology.

## Bachelor of Arts Social Work

The undergraduate social work program is a professional program that has been designed to prepare students for social work practice in rural and small communities. The program is accredited by the Council on Social Work Education and follows a generalist practice model in which students are provided the knowledge and skills needed to work with clients with a variety of social problems on multiple levels.

### Social Work Curriculum

Social work courses that must be taken are SW 101, SW 201, SW 202, SW 203, SW 204, SW 205, SW 303, SW 304, SW 305, SW 308, SW 360, SW 361, SW 402, SW 406, SW 497, and 498. The courses SW 304, SW 305, SW 402, SW 406, SW 497, and SW 498 must be taken and successfully completed at Southeastern Louisiana University.

### Initial Admission to the Social Work Major

Applicants for initial admission into the social work curriculum must meet the admission requirements for Southeastern Louisiana University and then declare themselves as social work majors.

Applications for admission to Southeastern Louisiana University must be submitted to the University Admissions Office.

### Admission to Professional Standing in Social Work

The social work profession has the responsibility to ensure that persons who graduate from its programs are capable of providing a high quality of service to clients and are capable of safeguarding and enhancing the welfare of society. Therefore, the Social Work faculty reserves the right to select and retain only those students who demonstrate that they have the requisite academic, ethical commitment, emotional and behavioral qualifications for rendering professional social work services.

Students are required to submit an application for admission to professional standing in social work. This application must be favorably acted upon by the Social Work faculty and by the Coordinator of the Social Work Program.

Application forms for admission into professional standing in the social work major may be obtained from the Social Work Program Moodle website. Completed application forms are to be submitted to the Department of Health and Human Sciences.

#### Admission Procedures for Professional Standing

1. Students generally make application into professional standing at least six weeks prior to the end of their sophomore year in order to have their applications duly processed by the beginning of the next semester. Students are responsible for contacting Social Work faculty to discern the deadline date each semester for turning in their applications. To make application, students must have successfully completed or presently be taking the following courses: ENGL 101 and 102, SOC 101 and 212, GBIO 106 and 107, SW 101, 201, 202, 203, 204, and 205, and PSYC 101.
2. Completion of the above noted social work courses, in curriculum sequence, with a grade of "C" or better.
3. All applications for admission will be processed by the Social Work faculty. A copy of the student's completed application and the status of the faculty's processing will be placed in the student's file.
4. Students who make proper application will be admitted into professional standing without delay when they meet the requirements outlined below and there is no waiting list.
  - a. Achieve and maintain a minimum adjusted grade point average of 2.50 or better.
  - b. Completion of a criminal background check.
  - c. Successful review of the student's Application for Admission to Professional Status by the Social Work faculty in the Social Work Program.
  - d. Achieve a grade of "C" or better in English 102
  - e. Achieve a grade of "C" or better in all social work courses that have been undertaken.
  - f. The Social Work Program reserves the right to establish a waiting list for admission into professional standing. A waiting list will be developed primarily for purposes of capitation to meet CSWE standards. If a waiting list is established, the following prioritized criteria will establish preferential admission into professional standing:
    - i. Time student has spent on the waiting list.
    - ii. Achieve and maintain a minimum 2.0 cumulative grade point average, a minimum 2.5 degree grade point average, and a minimum 2.5 residency degree grade point average or better.
    - iii. Prior social service work and/or volunteer experience.
5. The Social Work faculty will make recommendations to the Social Work Program Coordinator for final review and approval regarding the admission status of applicants.

Students will be notified in writing as to their admission, conditional admission or non-admission. Applicants not admitted will not be allowed to schedule the following courses: SW 304, SW 305, SW 308, 402, SW 406, SW 497, and SW 498. Likewise, students conditionally admitted must satisfy all conditions of their admission prior to being allowed to taking the professional courses noted above.

Applicants not admitted will not be allowed to schedule any professional course. Applicants who are not recommended for admission may:

1. Have their applications, and any needed additional information available, carefully reviewed by the Social Work faculty.
2. Be interviewed by the Social Work faculty.
3. Be asked to submit additional information.



### Retention Procedures for the Social Work Program

The Social Work faculty will review the status of students formally admitted to the professional program in social work and take proper action in the following instances:

1. When advisors or other faculty members request the faculty to review the continued eligibility of a student.
2. When the grades of a student warrant such a review (consistent failing grades, failure to make normal progress, and failure to maintain a minimum 2.0 cumulative grade point average, a minimum 2.5 degree grade point average, and a minimum 2.5 residency degree grade point average.).
3. When a faculty member reports that the behavior of a student in social work indicates the need for review.
4. When the field supervisor, agency director, or the coordinator of field work indicates unsatisfactory progress in the field.

### Termination Procedures

Students will be allowed to retake the required social work course only once. If a grade of "C" or better is not earned in the retake of the course, termination from the Social Work program will occur.

The Social Work faculty will review the status of students formally admitted to the professional program in social work and take proper action if a student's behavior is deemed unprofessional, unethical, illegal, and/or professionally unbecoming. At any time during the course of training (including coursework and field/internship), one or more of the following actions may be taken: reprimand, probation, suspension from the program, or termination from the program. The specific action taken will be determined by the degree of seriousness of the specific behavior and whether or not remediation is appropriate for such an offense.

### Child Welfare Grants

Through the cooperation and efforts of the Offices of Community Services several competitive grants in the amount of \$6,500 are available to students who wish to pursue employment with the Department of Children and Family Services. Students must take SW 306 and 307 and agree to work for Child Protection for a minimum of one year upon graduation from Southeastern or after completion of their Master's Degree in Social Work. These students complete an internship with DCFS in their senior year. Applications must be made in the junior year to Dr. Corie Hebert, LMSW, PhD, Child Welfare Program Coordinator.

### Discovery, the Southeastern Louisiana University Family Resource Center

Located in Baton Rouge, the Family Resource Center serves foster children and family service cases from the Department of Children and Family Services (DCFS) and juveniles brought to the attention of The Families in Needs of Services (FINS) Program. The project also serves as a field laboratory providing internship placements for social work students from Southeastern and other nearby universities. The Project was created with funding through the Louisiana Department of Social Services, Department of Children and Family Services as part of the Adoption and Safe Families Act. It has also received support from the Casey Family Program of Baton Rouge, the GPOA Foundation, and Capital Area Law Enforcement. It has had working agreements with two AmeriCorps programs, VISTA and Delta Service Corps. Some social work interns are able to do their internship with service as Delta Service Corps members.

**Curriculum in Social Work  
Leading to the Degree of Bachelor of Arts**

<b>First Year</b>		S.H.	<b>Second Semester</b>		S.H.
FIRST SEMESTER			SECOND SEMESTER		
Sociology 101 <sup>4</sup> .....	3		††Social Work 201 <sup>4</sup> .....	3	
††Social Work 101 <sup>4</sup> .....	3		General Biology 107 <sup>4,G</sup> .....	3	
English 101 <sup>4,G</sup> .....	3		††English 102 <sup>4,G</sup> .....	3	
General Biology 106 <sup>4,G</sup> .....	3		Mathematics 105 or 151/161 <sup>G</sup> .....	3	
Southeastern 101 .....	2		Psychology 101 <sup>4</sup> .....	3	
			Library Science 102 .....	1	
	14			16	
<b>Second Year</b>					
††Social Work 202 <sup>4</sup> .....	3		††Social Work 204 <sup>4</sup> .....	3	
††Social Work 203 <sup>4</sup> .....	3		††Social Work 205 <sup>4</sup> .....	3	
Sociology 212 <sup>4</sup> .....	3		English 322 .....	3	
History 201 <sup>G</sup> .....	3		History 202 .....	3	
English 230, 231 or 232 <sup>G</sup> .....	3		Political Science 201 <sup>G</sup> .....	3	
Mathematics 241 <sup>G</sup> .....	3		Computer Science 110 .....	3	
	18			18	
<b>Third Year</b>					
††Social Work 360 .....	3		††Social Work 304 .....	3	
††Social Work 402 .....	3		††Social Work 361 .....	3	
††Social Work 303 .....	3		Economics 102, 201, or 202 <sup>G</sup> .....	3	
Music 151, Theatre 131, Art 105 or 106 <sup>G</sup> .....	3		Communication 211 <sup>G</sup> .....	3	
			Elective <sup>1</sup> .....	3	
	12			15	
<b>Fourth Year</b>					
††Social Work 305 .....	3		††Social Work 497 <sup>3</sup> .....	3	
††Social Work 406 .....	3		††Social Work 498 <sup>3</sup> .....	9	
††Social Work 308 .....	3				
Physical Science <sup>G</sup> .....	3				
Social Work/Social Science/FCS Elective <sup>2</sup> .....	3				
	15			12	
<b>Total semester hours required</b>					<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

All courses with a Social Work prefix (required or electives) are used in the calculation of the major field average.

<sup>G</sup>General Education Courses

<sup>††</sup>Major course; grade of "C" or better required.

<sup>1</sup>Students may utilize electives for Child Welfare grant requirements.

<sup>2</sup>Social Work, Sociology, Psychology, Political Science, Criminal Justice, Anthropology, Geography except 309, and Family and Consumer Science.

<sup>3</sup>Students may not schedule SW 497 and SW 498 until completion of all curricula requirements and prior social work courses have been completed. They must also have a minimum adjusted grade point average of 2.5.

<sup>4</sup>Courses needed prior to acceptance into Professional Standing. Social Work 203 and Social Work 204, Social Work 204 and Sociology 212, Social Work 203 and GBIO 107, and Social Work 204 and GBIO 107 may be concurrent registration.

## Department of Kinesiology and Health Studies

Edward Hebert, *Department Head*

The Department of Kinesiology and Health Studies offers 5 undergraduate degrees: Bachelor of Science in Athletic Training, Bachelor of Science in Health Education and Promotion, Bachelor of Science in Health and Physical Education Grades K-12, Bachelor of Science in Sport Management, and Bachelor of Science in Kinesiology (with concentrations in Exercise Science and Fitness and Human Performance). The undergraduate degree in Kinesiology (Exercise Science concentration) is designed for students who desire to pursue graduate study for a career in physical therapy. The department also offers a master's degree in Health and Kinesiology – Master of Science, with concentrations in Exercise Science, Health Studies, Health Promotion & Exercise Science, and Kinesiology. Sport and fitness activity classes (KINL prefix) are available to all students. Students in majors other than those in the Kinesiology and Health Studies Department are recommended to take 100-level KINL courses because of their lifetime emphasis.

Students majoring in degrees in the Kinesiology and Health Studies Department may be required to participate in a drug screening program and/or submit information for criminal background checks as part of clinical/internship requirements.

### Senior Internship

Undergraduate degrees in Health Education and Promotion, Sport Management, and Kinesiology culminate with a senior internship course during which students engage in practical experience in field-based sites. Prerequisites for all students include: (1) a cumulative or degree GPA of 2.0 or higher, (2) a grade of "C" or higher in all indicated courses, (3) completion of specific prerequisite courses for the major, and (4) a maximum of 6 hours of coursework remaining to complete the degree. Courses remaining to complete the degree must be taken in conjunction with internship. The senior internship is an unpaid field experience, typically in the area surrounding Hammond (e.g., Baton Rouge, Covington, Mandeville, New Orleans). Out-of-region/state internships are allowed in specific cases. During the semester prior to graduation, students begin preparation for the senior internship. This includes applying for the senior internship, identifying potential internship sites, and completing a series of required tasks, including providing information and payment for a criminal background check using an agency specified by the department. Internship sites must be approved by the department. Deadlines are established for required tasks, including site identification and the completion of a contract between the department and the site. If an internship site has not been approved and a contract completed by the deadline for such, students are required to select a site for which a current contract exists. All students must attend an internship orientation session, usually scheduled during the week prior to the start of the semester, and participate in a drug screening program during the internship. Additional information and prerequisites for each degree/concentration are provided below.

**BS in Health Education and Promotion:** Prerequisites for HS 410, in addition to the prerequisites for all students (above) are achieving a grade of "C" or higher in all English, Math, Science, Family and Consumer Sciences, and Health Studies courses required in the degree.

**BS in Kinesiology:** Prerequisites for KIN 410, in addition to the prerequisites for all students (above), are achieving a grade of "C" or higher in all English, Math, and Zoology courses in the degree as well as GBIO 151, BIOL 152, Chemistry 101/103 or 121/123, and KIN 321, 372, 392, 424, and 436.

**BS in Sport Management:** Prerequisites for KIN 490, in addition to the prerequisites for all students (above), are achieving a grade of "C" or higher in all English, Math, and Science courses required in the degree, a grade of "B" or higher in KIN 232, and a grade of "C" or higher in ACCT 200, ECON 201 or 202, MGMT 210 and 351, and MRKT 303.

## Honors Diploma in the Discipline

Students participating in the University Honors Program are required to complete 9 hours of upper-level honors courses. These may include a combination of 300-400 level HONR courses, study abroad, or H-option courses in the major. Courses that may be taken as H-option in the Department of Kinesiology are:

**BS in Athletic Training:** ATHT 333, 410, 462

**BS in Health Education and Promotion:** HS 312, 360, 361, 401, 420, 440

**BS in Health and Physical Education:** KIN 251, 321, 351, 372, 392, 436

**BS in Kinesiology:** KIN 321, 372, 392, 424, 434, 436

**BS in Sport Management:** KIN 366, 380, 406, 451

## Bachelor of Science in Athletic Training

Certified Athletic Trainers are healthcare professionals who collaborate with physicians to optimize activity and participation of patients and athletes. Athletic training encompasses the prevention, diagnosis and intervention of emergency, acute and chronic medical conditions involving impairment, functional limitations and disabilities. Athletic training is recognized by the American Medical Association as a healthcare profession. The Athletic Training Program (ATP) in the Department of Kinesiology and Health Studies at Southeastern Louisiana University is nationally accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The mission of the ATP is to provide a comprehensive and progressive educational and clinical foundation to prepare the graduate for a career in athletic training. Through exposure to and participation in the didactic and clinical education program, the athletic training student becomes competent and proficient in the following content areas of athletic training:

- Prevention
- Clinical Evaluation and Diagnosis
- Immediate Care
- Treatment, Rehabilitation, and Reconditioning
- Organization and Administration
- Professional Responsibility

### Curriculum in Athletic Training Leading to the Degree of Bachelor of Science

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
*English 101 <sup>G</sup> .....	3	*English 102 <sup>G</sup> .....	3
*General Biology 151 <sup>G</sup> .....	3	*Mathematics 162, 163, or 241 <sup>G</sup> .....	3
*Biology Lab 152.....	1	*Zoology 250 <sup>G</sup> .....	3
*Chemistry 101 or 121 <sup>G</sup> .....	3	*Zoology Lab 252.....	1
*Chemistry Lab 103 or 123.....	1	*Athletic Training 141.....	3
*Mathematics 151/161 <sup>G</sup> .....	3	*Psychology 101 <sup>G</sup> .....	3
Southeastern 101.....	2		
	16		16
<b>Second Year</b>			
*Communication 211 <sup>G</sup> .....	3	††Athletic Training 206.....	3
*History Elective <sup>G</sup> .....	3	††Athletic Training Lab 217 <sup>2</sup> .....	1
*Family and Consumer Sciences 342.....	3	††Athletic Training 241.....	3
*Health Studies 133.....	3	††Athletic Training Lab 244.....	1
*Zoology 251 <sup>1</sup> .....	3	*Kinesiology 321.....	3
*Zoology 253 <sup>1</sup> .....	1	††Athletic Training 205.....	3
	16		14

**Summer Semester**

††Athletic Training Lab 210 ..... 1

**Third Year**

††Athletic Training Lab 303<sup>3</sup> ..... 1  
 ††Athletic Training Lab 300 ..... 1  
 ††Athletic Training Lab 370 ..... 1  
 ††Athletic Training 305 ..... 3  
 ††Athletic Training 372 ..... 3  
 \*Kinesiology 372 ..... 3  
 \*English 230, 231 or 232<sup>6</sup> ..... 3

††Athletic Training Lab 317<sup>3</sup> ..... 1  
 ††Athletic Training Lab 344 ..... 1  
 ††Athletic Training Lab 304 ..... 1  
 ††Athletic Training 333 ..... 3  
 ††Athletic Training 340 ..... 3  
 \*Kinesiology 392 ..... 3

15

12

**Fourth Year**

††Athletic Training 420<sup>3</sup> ..... 3  
 ††Athletic Training 455 ..... 3  
 ††Athletic Training 462 ..... 3  
 \*Social/Behavioral Science Elective 200+<sup>4,G</sup>... 3  
 \*Music, Visual Arts, Dance, Theatre<sup>5</sup> ..... 3

††Athletic Training 425<sup>2</sup> ..... 3  
 ††Athletic Training 466 ..... 3  
 ††Athletic Training 410 ..... 3  
 \*Kinesiology 426 ..... 3  
 \*Kinesiology 436 ..... 3

15

15

Total semester hours required

120

Southeastern 101 is not required of transfer or readmit Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>6</sup>General Education Courses

<sup>7</sup>Grade of "C" or higher is required.

††Clinical Progression Course; grade of "C" or higher is required.

<sup>1</sup> Class must be taken prior to formal acceptance into ATP or during the first semester of Clinical Progression.

<sup>2</sup> Provides the student with the opportunity to practice and apply the athletic training clinical proficiencies under the supervision of a Preceptor for a minimum of 150 hours per semester.

<sup>3</sup> Provides the student with the opportunity to practice and apply the athletic training clinical proficiencies under the direct supervision of a qualified Preceptor for a minimum of 225 clinical education hours per semester (approximately 15 hours per week).

<sup>4</sup> Social/Behavioral Science Elective must be sophomore level or higher, and selected from courses in Economics, Political Science, Criminal Justice, Psychology, Sociology, Geography, or Anthropology.

**Athletic Training Selective Admission, Progression, and Retention Policy**

Admission into Southeastern Louisiana University does not guarantee admission into the clinical progression portion of the ATP. Competitive admission is based on the applicant's academic history, athletic training and/or relevant experiences, letters of recommendation, completion of a minimum of 85 hours of observation of athletic training, and results of personal interview. Ongoing assessments determine appropriateness for dismissal, probation, retention, or completion.

Students are admitted into the clinical progression portion of the ATP as a cohort starting each Spring semester. Students seeking admission into the clinical progression portion of the ATP do so through a formal application. Student must attend an orientation meeting at the beginning of Fall semester before starting observation hours. Applications must be submitted to the ATP office or other designated location by October 15. Students will be notified of their status regarding acceptance into the clinical progression portion of the program prior to the end of the Fall semester.

To be eligible for admission into the clinical progression portion of the ATP, students must have a cumulative GPA of 2.5 or higher, and completed the following courses with a grade of "C" or higher:

Southeastern 101 (2 hours)  
 General Biology 151/152 (4 hours)

Mathematics 161 (3 hours)  
 Mathematics 162, 163, or 241 (3 hours)

Chemistry 101/103 or 121/123 (4hours)  
 Zoology 250/252 (4 hours)  
 Psychology 101 (3 hours)  
 English 102 (3 hours)

Health Studies 133 (3 hours)  
 Athletic Training 141 (3 hours)  
 English 101 (3 hours)

Other courses recommended for completion prior to clinical progression course work are:  
 Communication 211; English 230, 231, or 232; History Elective; Family and Consumer Sciences 342.

Zoology 251/253 must be taken prior to formal acceptance into ATP or during the first semester of Clinical Progression.

**NOTES:** (1) Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives. (2) If Zoology 251/253 is not completed prior to admission, it must be completed during the first semester of clinical progression course work.

Through the application and interview process, candidates should demonstrate:

- The ability to communicate effectively and sensitively with patients, athletes, and fellow AT students, faculty and staff, including individuals from different cultural and social backgrounds.
- Sufficient neuromuscular control, sensory function, and coordination to accurately perform appropriate physical skills safely and efficiently, as well as use equipment and materials during the evaluation and treatment of patients and athletes.
- The mental capacity to assimilate, analyze, synthesize, integrate concepts and problem solve to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm.
- Affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.
- Flexibility and the ability to adjust to changing situations and uncertainty in clinical situations.
- The capacity to maintain composure and continue to function well during periods of high stress.
- The perseverance, diligence, and commitment to complete the athletic training education program as outlined and sequenced.

#### Other Program Requirements

Only those candidates that have been formally selected to the clinical progression portion of the ATP will be permitted to take the following clinical progression courses. Clinical progression courses are offered in a sequential order.

1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	3 <sup>rd</sup> Semester	4 <sup>th</sup> Semester	5 <sup>th</sup> Semester
ATHT 206	ATLB 303	ATLB 317	ATHT 455	ATHT 466
ATHT 241	ATHT 372	ATHT 333	ATHT 462	ATHT 425
ATHT 205	ATHT 305	ATHT 340	ATHT 420	ATHT 410
ATLB 217	ATLB 300	ATLB 344		
ATLB 244	ATLB 370	ATLB 304		

Other courses to complete the degree of B.S. in Athletic Training include:

- Kinesiology 321, 372, 392, 426, and 436
- Music, Art, Dance or Theater Elective
- Social or Behavioral Science Elective (200, 300, or 400 level course)

It is required that all students admitted to the ATP receive a physical examination from a licensed and qualified health care professional prior to the start of the first clinical progression course. Students must also demonstrate proof of current immunizations (measles, mumps and rubella [MMR], Hepatitis B and TB skin test). An annual TB skin test is required of all AT students enrolled in clinical progression courses. Students enrolled in the clinical progression portion of the ATP are also required

to maintain CPR certification for the duration of the degree (American Red Cross-Professional Rescuer of American Heart Association-Healthcare Provider). Upon acceptance into the program, students are responsible for the fee associated with completing a criminal background check using the college's approved provider.

#### **Athletic Training Lab Fee:**

Students admitted to the formal progression of the ATP are assessed lab fees in each semester not to exceed \$140. Fees are used for supplies, maintenance of equipment, student drug testing, and other costs associated with the program.

#### **Field Experience Transportation:**

Students are responsible for their own transportation to and from clinical sites.

### Retention Procedure and Policy

After students have been formally accepted into the clinical progression portion of the ATP:

- Students must maintain a minimum cumulative GPA of 2.5 with a grade of "C" or higher in each required athletic training clinical progression course. Should a student drop below the required GPA, they will be on academic probation and need to apply for re-entry. Approval for re-entry is not guaranteed.
- Students who do not complete a clinical progression course with a grade of "C" or higher may not progress to the next semester of clinical progression courses.
- Students who do not complete an athletic training clinical progression course with a grade of "C" or higher will be permitted to repeat the course one time, but may not continue to the next clinical progression course for which the course is a prerequisite.
- Students who fail to maintain the required GPA, violate policies in the Southeastern Louisiana University Athletic Training Handbook, or violate codes of moral/ethical conduct may be dismissed from the clinical progression portion of the Athletic Training program. Policies may be found in the Student Handbook, Policies and Procedures of the various clinical sites, and the Code of Ethics of the National Athletic Trainers Association.

## Bachelor of Science in Kinesiology

Students pursuing the Bachelor of Science in Kinesiology select from two concentrations: Exercise Science or Fitness and Human Performance. Graduation requirements of this degree include a 2.0 GPA and earning a grade of "C" or better in all major courses plus courses in mathematics, English, and the sciences.

### Curriculum in Kinesiology Leading to the Degree of Bachelor of Science Exercise Science Concentration

First Year		Second Semester	
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
**Kinesiology 120.....	3	*Chemistry 121 <sup>G</sup> .....	3
*General Biology 151 <sup>G</sup> .....	3	*Chemistry Lab 123.....	1
*Biology Lab 152.....	1	*English 102 <sup>G</sup> .....	3
*English 101 <sup>G</sup> .....	3	*Mathematics 162 <sup>G</sup> .....	3
*Mathematics 151/161 <sup>G</sup> .....	3	*General Biology 153 <sup>G</sup> .....	3
Southeastern 101.....	2	*Biology Lab 154.....	1
		**Kinesiology Lab.....	1
	15		15

Second Year	
*English 230, 231, or 232 <sup>G</sup> .....	3
*Chemistry 122.....	3
Communication 211 <sup>G</sup> .....	3
*Psychology 101 <sup>G</sup> .....	3

Chemistry Lab 124 .....	1	General Biology 200 .....	3
Zoology 250 <sup>G</sup> .....	3	Zoology 251 .....	3
Zoology Lab 252 .....	1	Zoology Lab 253 .....	1
Mathematics 241 .....	3	††Kinesiology 275 .....	3
††Kinesiology Lab .....	1		
	<hr/> 15		<hr/> 16

**Third Year**

Music, Art, Dance, or Theatre Elective <sup>G</sup> .....	3	Physics 192 .....	3
Physics 191 .....	3	*Physics Lab 194 .....	1
Physics Lab 193 .....	1	History Elective <sup>G</sup> .....	3
††Health Studies 133 .....	3	Family & Consumer Sciences 342 .....	3
††Kinesiology 321 .....	3	††Kinesiology 424 .....	3
††Kinesiology 392 .....	3	††Kinesiology 426 .....	3
	<hr/> 16		<hr/> 16

**Fourth Year**

††Health Studies 131 .....	2	††Kinesiology 410 .....	6
English 322 .....	3	Electives .....	1
*Psychology 204 or 422 <sup>G</sup> .....	3	Science Elective <sup>1</sup> .....	3
††Kinesiology 372 .....	3		
††Kinesiology 434 .....	3		
††Kinesiology 436 .....	3		
	<hr/> 17		<hr/> 10

Total semester hours required:

120

Southeastern 101 is not required of transfer or readmit Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††Major course, grade of "C" or higher is required.

<sup>G</sup>Grade of "C" or higher is required.<sup>1</sup>Science elective. Choose from CHEM 261, CHEM 265, GBIO 312, MIC 223, ZOO 302, ZOO 332, ZOO 392, or ZOO 499.

**Curriculum in Kinesiology  
Leading to the Degree of Bachelor of Science  
Fitness and Human Performance Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 <sup>G</sup> .....	3	English 102 <sup>G</sup> .....	3
General Biology 151 <sup>G</sup> .....	3	Zoology 250 <sup>G</sup> .....	3
Biology Lab 152 .....	1	Zoology Lab 252 .....	1
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 162 or 241 <sup>G</sup> .....	3
††Kinesiology 120 .....	3	Psychology 101 <sup>G</sup> .....	3
Southeastern 101 .....	2	††Health Studies 133 .....	3
	<hr/> 15		<hr/> 16

**Second Year**

English 230, 231, or 232 <sup>G</sup> .....	3	Social/Behavioral Elective <sup>1</sup> .....	3
History Elective <sup>G</sup> .....	3	Chemistry 101 or 121 <sup>G</sup> .....	3
Zoology 251 .....	3	Chemistry Lab 103 or 123 .....	1
Zoology Lab 253 .....	1	Communication 211 <sup>G</sup> .....	3
††Health Studies 162 .....	3	††Kinesiology Lab .....	1
††Kinesiology 275 .....	3	††Kinesiology Lab .....	1
	<hr/> 16	††Kinesiology 362 .....	3
			<hr/> 15



**Third Year**

*English 322.....	3	*Fam/Con Sci 345, 411,421, 424, or 432 .....	3
*Family/Consumer Sciences 342 .....	3	**Kinesiology 372.....	3
**Health Studies 362.....	3	**Kinesiology 424.....	3
**Kinesiology 392.....	3	**Kinesiology 426.....	3
**Kinesiology 321.....	3	Music, Visual Arts, Dance, or Theatre <sup>G</sup> .....	3
**Kinesiology Lab.....	1		
	<hr/>		<hr/>
	16		15

**Fourth Year**

*Management or Marketing Elective.....	3	**Kinesiology 410.....	6
*Psychology 204 or 422 <sup>G</sup> .....	3	Electives.....	4
**Health Studies 131.....	2		
**Health Studies 454.....	3		
**Kinesiology 434.....	3		
**Kinesiology 436.....	3		
	<hr/>		<hr/>
	17		10

Total semester hours required: 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

\*\*Major course; grade of C or higher is required

\*Social/Behavioral Electives must be selected from Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, and Sociology.

<sup>G</sup>Grade of "C" or higher is required.

**Bachelor of Science  
in Health Education and Promotion**

This degree includes course work and internship experiences to prepare individuals for employment in community and worksite health institutions, agencies and organizations. Graduates will be prepared with the skills and competencies of the Certified Health Education Specialist (CHES).

**Curriculum in Health Education and Promotion  
Leading to the Degree of Bachelor of Science**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
*English 101 <sup>G</sup> .....	3	*English 102 <sup>G</sup> .....	3
*General Biology 151 <sup>G</sup> .....	3	*Mathematics 241 <sup>G</sup> .....	3
*Biology Lab 152.....	1	*Zoology 250 <sup>G</sup> .....	3
*Chemistry 101 or 121 <sup>G</sup> .....	3	*Zoology Lab 252.....	1
*Chemistry Lab 103 or 123.....	1	Psychology 101 <sup>G</sup> .....	3
*Mathematics 105 or 151/161 <sup>G</sup> .....	3	**Health Studies 133.....	3
Southeastern 101.....	2		
	<hr/>		<hr/>
	16		16

**Second Year**

*Zoology 251.....	3	*Communication 211 <sup>G</sup> .....	3
*Zoology Laboratory 253.....	1	**Health Studies 252.....	3
*English 230, 231, or 232 <sup>G</sup> .....	3	**Health Studies 300.....	3
History Elective <sup>G</sup> .....	3	**Health Studies 331.....	3
**Health Studies 162.....	3	Music, Arts, Dance, or Theatre Elective <sup>G</sup> .....	3
**Health Studies 251.....	3		
	<hr/>		<hr/>
	16		15

**Third Year**

††Health Studies 312.....	3	††Health Studies 315.....	3
††Health Studies 420.....	3	††Health Studies Elective 300-400 .....	3
††Health Studies 360.....	3	††Health Studies 440.....	3
††Family and Consumer Sciences 342 .....	3	††Health Studies 453.....	3
†Management or Marketing Elective.....	3	Electives.....	4
	15		16

**Fourth Year**

††Health Studies 131.....	2	††Health Studies 410.....	6
††Health Studies 362.....	3	Electives.....	3
††Health Studies 401.....	3		
††Health Studies 454.....	3		
Social/Behavioral Elective 200+ <sup>G</sup> .....	3		
Electives.....	3		
	17		9

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern Students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A grade of C or higher is required.

†Grade of "C" or higher is required.

Social/Behavioral Science Elective must be sophomore level or higher, and selected from courses in Anthropology, Criminal Justice, Economics, Geography, Political Science, Psychology, or Sociology.

**Curriculum in Sport Management  
Leading to the Degree of Bachelor of Science**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
†English 101 <sup>G</sup> .....	3	†English 102 <sup>G</sup> .....	3
†General Biology 151 <sup>G</sup> .....	3	†Mathematics 241 <sup>G</sup> .....	3
†Biology Lab 152.....	1	†Chemistry 101 <sup>G</sup> .....	3
†Mathematics 105 or 151/161 <sup>G</sup> .....	3	†Chemistry Lab 103 .....	1
†††Kinesiology 232 .....	3	††Health Studies 133.....	3
Southeastern 101.....	2	†Psychology 101 <sup>G</sup> .....	3
	15		16

**Second Year**

†English 230, 231, or 232 <sup>G</sup> .....	3	†Communication 211 <sup>G</sup> .....	3
†Zoology 250 <sup>G</sup> .....	3	†Economics 201 or 202 <sup>G</sup> .....	3
†Zoology Lab 252.....	1	Music, Art, Dance, or Theatre Elective <sup>G</sup> .....	3
†Accounting 200.....	3	††Health Studies 162.....	3
History Elective <sup>G</sup> .....	3	††Kinesiology 362.....	3
†Management 210.....	3	††Kinesiology Lab.....	1
	16		16

**Third Year**

†English 322.....	3	††Kinesiology 332.....	3
†Finance 381.....	3	††Kinesiology 334.....	3
†Marketing 303.....	3	††Kinesiology 380.....	3
†Management 351.....	3	††Kinesiology 406.....	3
††Kinesiology 366.....	3	††Kinesiology Lab.....	1
	15	Electives.....	3
			16

**Fourth Year**

††Kinesiology 333.....	3	††Kinesiology 490.....	9
††Kinesiology 451.....	3	Electives.....	3
††Kinesiology 436.....	3		
††Health Studies 131.....	2		
Electives.....	3		
	14		12
Total semester hours required		120	

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>Ⓒ</sup>General Education Courses

††Major course, Grade of "C" or higher is required.

†††Major course, Grade of "B" or higher is required.

Grade of "C" or higher is required.

**Health Promotion Minor**

It is strongly recommended that students meet with KHS department advisor before starting on the minor. Twenty-four hours in Health Studies are required for a minor in Health Promotion. Fifteen of these hours must be in 300-or-400 level courses. The following courses are required to complete this minor:

††Health Studies 133.....	3	††Health Studies 453.....	3
††Health Studies 312 or 362.....	3	††Health Studies 454.....	3
††Health Studies 420.....	3	††Health Studies Elective .....	9
Total			24

Health Studies Electives must be selected from: HS 162, 251, 252, 300, 312, 315, 331, 335, 351, 360, 362, 401, 430, 439, 440, or 461. FCS 342, 411, 421, 424, or 432 may be used as one of the elective courses.

††Grade of "C" or higher is required

**Adapted Physical Education Minor**

1. Basic Requirements

Certification is required in Physical Education Teacher Education and the completion of the courses listed below.

††Special Education 200 or 600 .....	3
††Kinesiology Education 431 .....	3
††Kinesiology 321 or 612.....	3
	9

2. Specialized Requirements

In addition to basic certification, specialized Adapted Physical Education certification requires a minimum of 12 semester hours.

††Kinesiology 491 or 591.....	3	††Kinesiology 493 or 593.....	3
††Kinesiology 492 or 592.....	3	††Kinesiology 494 or 594.....	3
			12

††A grade of "C" or better is required.

**Athletic Coaching Minor**

It is strongly recommended that students meet with KHS department advisor before starting on the minor in Athletic Coaching. The following courses are required to complete this minor:

††Health Studies 131.....	2	††Kinesiology 300, 366, or 380.....	3
††Kinesiology Lab 113.....	1	Two courses selected from:	
††Kinesiology 235 .....	3	††Kinesiology 301, 302, 303, 304, 305, 306....	6

††Kinesiology 251, 321, 334, or 436 ..... 3

††Grade of "C" or better is required

**Exercise Science Minor**

Students not majoring in Kinesiology may elect to minor in Exercise Science. It is strongly recommended that students meet with KHS department advisor before starting on the minor in Exercise Science. The following courses are required to complete this minor:

††Kinesiology 321.....	1	††Kinesiology 426.....	3
††Kinesiology 372.....	5	††Kinesiology 424 or 434.....	3
††Kinesiology 392 .....	3	††Kinesiology 436.....	3

††Grade of "C" or better is required 18

# The College of Science and Technology

Daniel McCarthy, *Dean*  
Brian Crother, *Assistant Dean*

The College of Science and Technology is composed of the Departments of Biological Sciences, Chemistry and Physics, Computer Science, Industrial & Engineering Technology, and Mathematics.

## Graduation Requirements

In order to obtain a baccalaureate degree in the College of Science and Technology, a student must successfully complete three sets of academic requirements: University requirements, College of Science and Technology requirements, and departmental requirements.

**University Requirements:** The University requirements are listed elsewhere in this General Catalogue.

**College Requirements in Curricula offered in the following departments:** Biological Science, Chemistry and Physics, Computer Science, Industrial & Engineering Technology, and Mathematics.

### Associate Degree

The College Requirements are:

1. A minimum of sixty (60) semester hours.
2. Completion of 15 semester hours of General Education requirements as well as:
  - a. Mathematics 162 or 241..... 3 hours
  - b. English 102..... 3 hours

### Baccalaureate Degree

The College Requirements are:

1. A minimum of one hundred twenty (120) semester hours.
2. Completion of the following General Education Requirements and a minimum of two hours of laboratory:
  - a. English Composition ..... 6 hours
  - b. Mathematics (must be at a level no less than Math 151) ..... 6 hours
  - c. Science<sup>1</sup> (Eight hours must be in a two-semester sequence with a minimum of 15 hours of science)
    - i. Biological (and) ..... 4-8 hours
    - ii. Physical (and)..... 4-8 hours
    - iii. Biological or Physical ..... 3 hours
  - d. Humanities<sup>2</sup>
    - i. English Literature ..... 3 hours
    - ii. History ..... 3 hours
    - iii. Foreign Language, Communication, or Philosophy ..... 3 hours
  - e. Fine Arts ..... 3 hours
  - f. Social Sciences<sup>3</sup> (must be selected from economics, geography, anthropology, psychology, sociology, or political science) ..... 6 hours

<sup>1</sup> Earth and Space Science 101/103, 102/104 and Physical Science 101/102 may not be used to fulfill this requirement.

<sup>2</sup> Must include at least (3) semester hours at the Sophomore-level or above.

<sup>3</sup> Except for Industrial Technology.

Departmental/Program Requirements are:

1. Fulfillment of the requirements specified by the department offering the program of study in the student's major. These departmental requirements, including a curriculum outline, are located in this catalogue in the departmental section in which the student is majoring.

2. Courses listed in each curriculum, which will be used in calculating the grade point average in the major, are identified by a “†.” The following departments require that a grade of “C” be made in each of these courses: Biological Sciences, Computer Science, and Mathematics.
3. All departments require that a cumulative or degree grade point average of 2.0 or higher be earned in the major.

### Degrees Awarded

The degree of Bachelor of Science is awarded upon successful completion of any one of the following four-year curricula: Biological Sciences (Four areas of Concentration), Chemistry (Four areas of Concentration), Physics, Computer Science (Two areas of Concentration), Industrial Technology (Four areas of Concentration), and Mathematics.

The degree of Associate of Applied Science is awarded upon the successful completion of the two-year program in Industrial technology (Four areas of Concentration).

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### The Institute of Biodiversity and Interdisciplinary Studies

The Institute of Biodiversity and Interdisciplinary Studies (IBIS) was established in 2003 by the Louisiana Board of Regents and is administered through the College of Science and Technology. IBIS has a strong research focus; however, the Institute is unique in the sense that it is committed to the concept of significant interdisciplinary collaboration and the incorporation of educational and outreach components in all of its major research projects. Strong and continual links are maintained between IBIS and several colleges, departments and centers at Southeastern, including the Turtle Cove Environmental Research Station, the Center for Southeastern Louisiana Studies, the College of Education, the College of Business, and the College of Arts, Humanities, and Social Sciences.

The primary mission of IBIS is: 1) to increase our basic understanding of the biological diversity of the ecosystems that comprise the Gulf Coast, in general and the Lake Pontchartrain drainage basin, in particular; 2) to train a new generation of young scientists who will continue to address the significant environmental problems that confront society and teachers who will disseminate to their students' knowledge about sensitive ecosystems and the factors that disrupt them; 3) to foster interdisciplinary activities including research, formal education and outreach components that will provide opportunities for the participants to address environmental and biodiversity issues in a more comprehensive and inclusive manner; and 4) to educate the Louisiana public about the relationship between human activities and the health of the Lake Pontchartrain basin.

### Interdisciplinary Environmental Studies Program

A minor is available through the Institute of Biodiversity and Interdisciplinary Studies\*

#### **Program Description:**

The minor in Environmental Studies at Southeastern focuses on a new and innovative interdisciplinary approach to the education of its students. A true understanding of complex environmental issues, such as global climate change, pollution, biodiversity, and the loss of coastal wetlands requires a multi-disciplinary approach. The wide array of natural, socio-economic, and business related sciences offered at the University all play an integral role in the analysis and understanding of the causes, impacts and solutions to environmental problems that are currently of international concern. In order to ensure a multi-disciplinary approach, this program is housed within the Institute for Biodiversity and Interdisciplinary Studies (IBIS). Such a location enables students to

access a multitude of courses, faculty, programs and facilities that transverse individual disciplines. Students will also be able to obtain the breadth and depth of knowledge that is needed to satisfy their own specific focus within the field of Environmental Studies.

**Program Requirements:**

The minor in Environmental Studies is available to any student enrolled at Southeastern. Individuals participating in the minor are required to take 18 hours of courses that are offered through the program, of which 9 hours are “core” courses and must be taken. The remaining 9 hours are considered to be electives and may be chosen from a wide variety of courses that represent a diverse field of disciplines. Consequently, students may customize their studies to accommodate their specific interests. Individuals interested in pursuing the minor in Environmental Studies should discuss the program with their department head. Students should pay particular attention to pre-requisites that are associated with the three core courses of the program. Examples of specific areas of concentration in Environmental Studies include the following topics:

**Natural Science Application**

- Diversity of life/conservation biology
- Chemical basis of life
- Population dynamics
- Theory of measurement
- Environmental issues in marine science

**Economic Applications**

- Environmental history and ethics
- Tools for environmental management
- Environmental law, economics, and policy
- Environmental impact assessment
- Land use policy and planning

**Core Courses for the Minor (9 hours required)**

- GBIO 281: Environmental Awareness
- SOC 360: Environmental Sociology
- ECON 328: Environmental and Resource Economics

**Approved Electives (9 hours)**

- OSHE 251: Environmental Laws and Regulations
- GEOG 322: Geography of Louisiana
- GBIO 395: General Ecology
- GBIO 406: Wetlands Ecology
- SOC 401: Population
- GEOG 401: Historical Geography of the U.S.
- GEOG 410: Cultural Geography
- MIC 422: Microbiology of Water/Wastewater
- GBIO 439: Fresh Water and Estuarine Biology
- POLI 446: Politics and the Environment
- GBIO 481: Biogeography
- GBIO 442/542 Marine Biology

\* Administered through the College of Science and Technology

## Post-Baccalaureate Certificate in Sustainability

**Program Description:**

The sustainability of the earth's environment is crucial to the survival of all living organisms, including our human, social, and economic systems. The Post-Baccalaureate Certificate in Sustainability will provide coursework that focuses on the endurance of the environment and the associated human and economic implications. Because of the breadth of this topic, the curriculum will consist of three core

courses that address the three pillars of sustainability: people, planet, and profit. Thus, the core will address the ecological, sociological, and economic aspects of sustainability. In addition, students will choose two sustainability elective courses that focus on the natural sciences, social sciences, or economics.

### Program Requirements:

The curriculum consists of 15-17 semester credit hours (5 courses). Students will complete three core courses in environmental sustainability from a biological, sociological, and economics perspective each and two elective courses with direct relevance to sustainability.

### Core (9 hours)

- **General Biology 281:** Environmental Awareness (3 hours)
- **Sociology 360:** Environmental Sociology (3 hours)
- **Economics 328:** Environmental and Resource Economics (3 hours)

### Electives (6-8 hours)

- **Sociology 455:** Urban Sociology – (Course theme in urban environmental sustainability) – offered once every 3 semesters (3 hours)
- **Sociology 460:** Special Topics: Food, Sustainability, and Society – offered once every two semesters (3 hours)
- **Sociology 400:** Internship (in Environmental Sustainability) – offered every semester (3 hours)
- **Sociology 495:** Sociology Study Abroad in Cuba and Environmental Sociology in Cuba (Visits and tours with officials and organizations in Cuba to gain firsthand experience with philosophies, practices and daily system applications. There is a concentration on sustainable agriculture in Cuba compared to sustainable and industrial scale agriculture in the US.) (3 hours)
- **Sociology 470:** Vulnerable Populations and Disasters – offered every fall (3 hours)
- **Health Studies 361:** Environmental Health (3 hours)
- **Communication 467:** Crisis Communication (Communication strategies involving natural disasters and resulting environmental concerns) (3 hours)
- **Communication 471:** Organizational Communication (Leadership Initiatives and Implementation of Environmental Initiatives in the Business Setting) (3 hours)
- **General Biology 395 and General Biology 397:** General Ecology and General Ecology Lab (4 hours)
- **General Biology 406:** Wetlands Ecology (4 hours)
- **General Biology 439:** Freshwater and Estuarine Biology (4 hours)
- **General Biology 485:** Conservation Biology (4 hours)
- **General Biology 442:** Marine Biology (4 hours)
- **Microbiology 423:** Environmental Microbiology (4 hours)
- **Economics 305:** Urban and Regional Economics (Sustainable growth and development of locations) (3 hours)
- **Economics 435:** Energy Economics, Markets, and Policy (Use and sustainability of traditional and alternative energy sources) (3 hours)

## Pre-Professional

### Pre-Agriculture – Department of Biological Sciences

Students who wish to complete a B.S. degree in agriculture or agri-business should plan to transfer after one or possibly two years at Southeastern. Students who earn a B.S. degree at Southeastern, in such studies as biology or chemistry, may apply for admission to graduate programs in agriculture. Consult advisor for specific course recommendations.

### Pre-Dentistry – Department of Biological Sciences or Department of Chemistry and Physics

Students should plan to spend at least three years in pre-professional work or complete a B.S. degree in biology or chemistry. A typical freshman program includes Chemistry 121/123; GBIO



151/BIOL 152; GBIO 153/BIOL 154; Mathematics 161/162 or 165/200; English 101 and 102. Consult advisor for further recommendations.

**Note:** The Dental Admission Test must be taken prior to applying for admission to dental school, preferably during the first semester of the junior year.

#### **Pre-Engineering** – Department of Chemistry and Physics

Students must be chemistry or physics majors. Students should be aware that they must meet the transfer admissions requirements of the school of engineering at which they plan to complete the Bachelor of Science in Engineering degree.

**Note:** High school preparation should include as much algebra, trigonometry, and advanced mathematics as possible as well as courses in chemistry and physics.

#### **Pre-Forestry** – Department of Biological Sciences

Students should plan to transfer after one or two years at Southeastern. Typical first-semester courses include: GBIO 151/BIOL 152, GBIO 153/BIOL 154, Chemistry 121/123, English 101, and Mathematics 161. Consult advisor for further recommendations.

#### **Pre-Medicine** – Department of Biological Sciences or Department of Chemistry and Physics

Most medical schools recommend that a student complete four years of college before applying for admission. Traditionally, the majority of students accepted at Louisiana State University and Tulane Medical Schools have held the baccalaureate degree upon registering. Students should follow the curriculum outlined for a Bachelor of Science in Integrative Biology or Chemistry (Biochemistry concentration). Typical freshman courses include English 101/102; GBIO 151/BIOL 152; GBIO 153/BIOL 154; Chemistry 121/CLAB123 and CHEM122/CLAB124; Math 161/162; or 165/200. Consult a pre-medical advisor in the Biological Sciences department or Chemistry and Physics department for specific recommendations and to find out more about the Delta Omega Alpha ( $\Delta$ OA) pre-professional student organization.

**Note:** Entry into medical schools is based on (1) the student's academic record, (2) the results of the Medical College Admissions Test, which should be taken in the spring of the junior year or fall of the senior year, and (3) recommendation and interviews. Students should also have a recommendation from Southeastern's MEC Board prior to application to any medical program. The degree programs outlined above will provide students with options for alternative career choices in the event that acceptance into medical school is not secured.

#### **Pre-Occupational Therapy** – Department of Biological Sciences

Most Occupational Therapy Programs are now at the Master's level so the Pre-Occupational Therapy student should complete the requirements for a baccalaureate degree in Biology or another major before applying. The student should consult with the Occupational Therapy School and their advisor to determine what additional courses are required.

#### **Pre-Optometry** - Department of Biological Sciences or Department of Chemistry and Physics

Students should plan to spend at least two years in undergraduate study; the majority of successful applicants have three or four years of college work. A typical first-semester program includes English 101, GBIO 151/BIOL 152, Chemistry 121/123, and Mathematics 161, 165, or 200. Consult advisor for further recommendations.

**Note:** The Optometry College Admission Test must be taken before or during the semester in which the student applies for acceptance into a school of optometry. Because of competition for the available places, students are urged to plan programs that will permit alternative career choices if acceptance into an optometry school is not secured.

#### **Pre-Pharmacy** - Department of Biological Sciences or Department of Chemistry and Physics

Although application may be made early, students should plan to complete a baccalaureate degree in Biological Sciences or Chemistry prior to admission into a Pharmacy program. A typical freshman program includes CHEM 121/CLAB123, MATH 165 or MATH 200, ENGL 101/102, GBIO 151/BIOL 152, ECON 201. Interested students should consult a Pre-Pharmacy advisor in the Biological Sciences department or Chemistry and Physics department for specific recommendations.

**Note:** Since requirements for pharmacy school vary by program, it is advisable that interested students check the general catalogue for the particular Pharmacy School they wish to attend.

**Pre-Physical Therapy** – Department of Biological Sciences

Students should plan to spend at least three years in pre-professional work; a majority of the Louisiana applicants accepted have completed a baccalaureate degree. A typical freshman program includes GBIO 151/BIOL152, GBIO 153/BIOL 154 Chemistry 121/123 and 122/124, English 101 and 102, Mathematics 162, 163, (or higher). Consult advisor for further recommendations.

**Pre-Veterinary Medicine** – Department of Biological Sciences

Most schools of veterinary medicine require extensive experience with food animals, such as that gained through a farm background or working as an assistant to a veterinarian, as well as the completion of the Graduate Record Examination. Some schools in veterinary medicine may require courses (such as animal science and/or animal nutrition) which are not available at Southeastern. Because of competition for the available places, students are urged to plan programs that will permit alternative career choices if acceptance into a school of veterinary medicine is not secured.

## Department of Biological Sciences

Christopher Beachy, *Department Head*

The Department of Biological Sciences offers a four-year curriculum in Biological Sciences with concentrations in Integrative Biology; Microbiology/Molecular Biology; Ecology, Environmental, and Evolutionary Biology; Biology Education; Plant Science; and Business. Pre-professional programs in medicine, dentistry, physical therapy, veterinary medicine, optometry, and pharmacy are also offered.

Students in Medicine and Dentistry are urged to complete the requirements for the degree before entering a medical or dentistry school. Those who do not plan to obtain a degree before seeking admission to a School of Medicine, Dentistry, or Pharmacy should confer with the Department Head or their advisors before scheduling their course work.

### Major in Biological Sciences

Students wishing to major in Biological Sciences must complete 41 semester hours of biology. The required courses are listed within the various concentration options.

### Selection and Retention Policies

Students who propose to major in the Biological Sciences must successfully complete GBIO 151 and 153, MATH 151 or 161 or 165 or 200, and CHEM 121, all with a grade of "C" or better. Exceptions can be made with the permission of the Department Head. In order to progress as a Major in the Department of Biological Sciences, students must receive a grade of "C" or better in all Biology courses and concentration electives. If the student receives a grade of less than "C" in any of these courses, the course may be repeated no more than twice. In addition, students majoring in the Biological Sciences must maintain an overall minimum grade point average (GPA) of 2.0 or better for all course work. Failure to meet these requirements will result in the student's no longer being eligible to register as a Major in Biological Sciences.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minor

Eighteen semester hours are required for a minor. These must include GBIO 151-BIOL 152, GBIO 153-BIOL 154, and MIC 205-207 or MIC 223-224 and six hours of 300/400 level biology courses. Students must receive a grade of "C" or better for all Biology courses to complete the Minor in Biology.

### Electives

The curricula leading to the bachelor's degree provide a sufficient number of electives to permit a student to elect a minor in any one of several fields. Students should confer with their faculty advisors so that together they may consider courses that will benefit the student most in the specialized field.

**Curriculum in Biological Science  
Leading to the Degree of Bachelor of Science  
Biology Education Concentration**

<b>First Year</b>		S.H.	
<b>FIRST SEMESTER</b>	S.H.	<b>SECOND SEMESTER</b>	S.H.
English 101 <sup>G</sup> .....	3	††English 102 <sup>G</sup> .....	3
††Mathematics 151/161 <sup>G</sup> .....	3	††Mathematics 162 or 165 <sup>G</sup> .....	3
††General Biology 151 <sup>G</sup> .....	3	††General Biology 153 <sup>G</sup> .....	3
††Biology Laboratory 152 .....	1	††Biology Laboratory 154 .....	1
Psychology 101 <sup>G</sup> .....	3	††Chemistry 121 <sup>G</sup> .....	3
Southeastern 101 .....	2	††Chemistry Lab 123 .....	1
		Communication 210 <sup>G</sup> .....	3
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 17
<b>Second Year</b>			
English 230, 231, or 232 <sup>G</sup> .....	3	††GBIO 312 .....	3
††GBIO 200 .....	3	Chemistry 261 .....	3
††Microbiology 205 or 223 .....	3	††GBIO 241 .....	1
††Microbiology Laboratory 207 or 224 .....	1	††GBIO 395 .....	3
††Chemistry 122 .....	3	††GBIO 397 .....	2
††Chemistry Laboratory 124 .....	1	*SPED 200 .....	3
*EDUC 202 .....	3		
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 17		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15
<b>Third Year</b>			
History 417 <sup>G</sup> .....	3	††GBIO 405 .....	4
††ZOO 302 .....	4	††GBIO 441 .....	1
Chemistry 281 .....	3	††ZOO 392 .....	4
*Education 407 .....	3	Arts Elective <sup>G</sup> .....	3
††GBIO 341 .....	1	*EDUC 472 .....	3
*Education 316 .....	3		
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 17		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15
<b>Fourth Year</b>			
††GBIO 498 .....	3	EDUC 486 .....	9
*EDUC 453 .....	6		
*EDUC 485 .....	3		
Social Science Elective <sup>1,G</sup> .....	3		
	<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 15		<hr style="width: 50%; margin-left: auto; margin-right: 0;"/> 9
<b>Total Minimum Semester Hours Required</b>		<b>120</b>	

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

\*Requires a grade of "C" or better.

\*\*Requires a grade of "B" or better.

††A grade of "C" or above must be earned in these courses.

<sup>1</sup>One course (3 hrs) selected from ECON, GEOG, ANTH, CJ, POLI, PSYC, or SOC.

**Curriculum in Biological Sciences  
Leading to the Degree of Bachelor of Science  
Ecology, Environmental, and Evolutionary Concentration**

<b>First Year</b>	
FIRST SEMESTER	S.H.
††General Biology 151 <sup>G</sup> .....	3
††Biology Lab 152 .....	1
English 101or 121H or 123H <sup>G</sup> .....	3
Library Science 102 .....	1
<sup>†</sup> Mathematics 151/161 <sup>1,G</sup> .....	3
Foreign Language 101 .....	3
Southeastern 101 .....	2
	16
SECOND SEMESTER	S.H.
††General Biology 153 <sup>G</sup> .....	3
††Biology Lab 154 .....	1
<sup>†</sup> Chemistry 121 <sup>G</sup> .....	3
Chemistry Lab 123 .....	1
Math 162 <sup>1,G</sup> .....	3
English 102 or 122H or 124H <sup>G</sup> .....	3
Foreign Language 102 .....	3
	17
<b>Second Year</b>	
Chemistry 122 .....	3
Chemistry Laboratory 124 .....	1
††Microbiology 205 .....	3
††Microbiology Laboratory 207 .....	1
English 230, 231, or 232 <sup>G</sup> .....	3
Elective .....	3
Math 163 <sup>1</sup> .....	3
	17
Communication 211 <sup>G</sup> .....	3
Chemistry 261/263 <sup>5</sup> .....	4
††General Biology 200 .....	3
††General Biology 241 .....	1
Elective .....	3
	14
<b>Third Year</b>	
††General Biology 377 <sup>2</sup> .....	4
††General Biology 341 .....	1
††General Biology 312 .....	3
Chemistry 281/283 <sup>5</sup> .....	4
Physics 191 .....	3
Physics Lab 193 .....	1
	16
††General Biology 395 <sup>2</sup> .....	3
††General Biology 397 <sup>2</sup> .....	2
English 322 .....	3
††General Biology 405 <sup>2</sup> .....	4
Physics 192 .....	3
Physics Lab 194 .....	1
	16
<b>Fourth Year</b>	
Social Science Elective <sup>4,G</sup> .....	3
††Concentration Elective <sup>2</sup> .....	4
Arts Elective <sup>3,G</sup> .....	3
Elective .....	1
††General Biology 441 .....	1
	12
††Concentration Elective <sup>2</sup> .....	3
Elective .....	3
Social Science Elective <sup>4,G</sup> .....	3
History Elective <sup>5</sup> .....	3
	12
<b>Total Minimum Semester Hours Required</b>	<b>120</b>
<b>Total Minimum Semester Hours Required in Major</b>	<b>41</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>\*</sup>Grade of "C" or better

††A grade of "C" or better is required in these major courses.

<sup>1</sup>Mathematics 165 and 200 (8 credit hours) may be taken in place of Mathematics 161, 162, and 163 (9 credit hours). Students who take MATH 165 and 200 are required to take one additional elective hour.

<sup>2</sup>Courses for the Ecology, Environmental, and Evolutionary Concentration (20 credit hours) selected from the following in consultation with advisor:

*Group A* - Fundamental courses (13 credit hours) – students in the Ecology, Environmental, and Evolutionary Concentration must take the following four courses – GBIO 377, 395, 397, and 405

*Group B* – Concentration Electives (7 credit hours) – BOT 205, 347, 426, 427, 429, 481, 482, GBIO 281, 404, 406, 408, 410, 418, 439, 442, 481, 485, ZOO 301, 302, 352, 392, 409, 456, 457, 458, 465, 470, 475, MIC 313, 423, 438. The following

courses require PRIOR approval of the advisor and department head: GBIO 409 Internship 1-3 hours (3 hrs max); GBIO 450 Research Problems, 1-4 hours (4 hrs max); GBIO 493 Special Topics, 2-4 hours. A maximum of 4 credit hrs may be earned from the following courses: CMPS 450, GEOG 495, POLI 446, SOC 360.

<sup>3</sup>Courses can be taken in music, art, dance, or theatre.

<sup>4</sup>Courses can be selected in economics, geography, anthropology, political science, psychology, or sociology.

<sup>5</sup>Students planning on attending medical, dental, or other professional or graduate schools, and students pursuing a minor in Chemistry should take Chemistry 265/267 and Chemistry 266/268. Also, Chemistry 265/267 can NOT be used as a prerequisite for Chemistry 281/283. Student who have completed CHEM 261/263 or 265/267 may take MIC 461 or GBIO 434 in place of CHEM 281/283 or 266/268.

### Curriculum in Biological Sciences Leading to the Degree of Bachelor of Science Integrative Biology Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††General Biology 151 <sup>G</sup> .....	3	††General Biology 153 <sup>G</sup> .....	3
††Biology Lab 152 .....	1	††Biology Lab 154 .....	1
English 101 or 121H or 123H <sup>G</sup> .....	3	*Chemistry 121 <sup>G</sup> .....	3
Library Science 102 .....	1	Chemistry Lab 123 .....	1
†Math 151/161 <sup>1,G</sup> .....	3	Math 162 <sup>1,G</sup> .....	3
Foreign Language 101 .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Southeastern 101 .....	2	Foreign Language 102 .....	3
	16		17

#### Second Year

Chemistry 122 .....	3	Communication 211 <sup>G</sup> .....	3
Chemistry Laboratory 124 .....	1	Chemistry 261/263 <sup>5</sup> .....	4
††Microbiology 205 .....	3	††General Biology 200 .....	3
††Microbiology Laboratory 207 .....	1	††General Biology 241 .....	1
English 230, 231, or 232 <sup>G</sup> .....	3	Elective .....	3
Elective .....	3		
Math 163 <sup>1</sup> .....	3		
	17		14

#### Third Year

††General Biology 341 .....	1	††Concentration Elective <sup>2</sup> .....	4
††General Biology 312 .....	3	††General Biology 395 or 405 .....	4
English 322 .....	3	††Concentration Elective <sup>2</sup> .....	4
Chemistry 281/283 <sup>5</sup> .....	4	Physics 192 .....	3
Physics 191 .....	3	Physics Lab 194 .....	1
Physics Lab 193 .....	1		
	15		16

#### Fourth Year

Social Science Elective <sup>4,G</sup> .....	3	††Concentration Elective <sup>2</sup> .....	4
††Concentration Elective <sup>2</sup> .....	4	Elective .....	3
Arts Elective <sup>3,G</sup> .....	3	Social Science Elective <sup>4,G</sup> .....	3
Elective .....	1	History Elective <sup>G</sup> .....	3
††General Biology 441 .....	1		
	12		13

Total Minimum Semester Hours Required	120
Total Minimum Semester Hours Required in Major	41

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>1</sup>Grade of "C" or better

††A grade of "C" or better is required in these major courses.

<sup>1</sup>Mathematics 165 and 200 (8 credit hours) may be taken in place of Mathematics 161, 162, and 163. Students who take MATH 165 and 200 are required to take one additional elective hour.

<sup>2</sup>Courses for the Integrative Biology Concentration (minimum 20 credit hours required) selected from the following groups in consultation with advisor.

*Group A* – (minimum one course required). Students in the Integrative Biology Concentration must take either GBIO 395 or GBIO 405. (Note: Biology majors taking GBIO 395 must additionally be concurrently registered in GBIO 397).

*Group B* – Concentration Electives (minimum 11 credit hours) – BOT 205, 347, 401, 426, 427, 429, 433, 458, 481, 482, GBIO 281, 314, 377, 395, 397, 404, 405, 406, 407, 408, 410, 418, 439, 442, 481, 485, 492, 495, HORT 301, 315, 320, 328, 412, 424, 426, 428, MIC 313, 325, 423, 436, 438, 457, 460, 461, 463, 465, ZOO 301, 302, 331, 332, 352, 392, 409, 428, 438, 453, 455, 456, 457, 458, 465, 470, 471, 475, 483, 488, 499. The following courses require PRIOR approval of the advisor and department head: GBIO 409, Internship 1-3 hrs (3 hrs max); GBIO 450 Research Problems, 1-4 hrs (4 hrs max); GBIO 493, Special Topics, 2-4 hrs. A Maximum of 4 credit hrs may be earned from the following courses: CHEM 281, 481, 482, CLAB 283, 485, 486. NOTE: If CHEM 281/283 is taken to fulfill Chemistry requirements, then it may not be used for elective requirements.

<sup>3</sup>Courses can be taken in music, art, dance, or theatre.

<sup>4</sup>Courses can be selected in economics, geography, anthropology, political science, psychology, or sociology.

<sup>55</sup>Students planning on attending medical, dental, or other professional or graduate schools, and students pursuing a minor in Chemistry should take Chemistry 265/267 and Chemistry 266/268. Also, Chemistry 265/267 can NOT be used as a prerequisite for Chemistry 281/283. Student who have completed CHEM 261/263 or 265/267 may take MIC 461 or GBIO 434 in place of CHEM 281/283 or 266/268.

### Curriculum in Biological Sciences Leading to the Degree of Bachelor of Science Microbiology/Molecular Biology Concentration

#### First Year

	S.H.		S.H.
††General Biology 151 <sup>G</sup> .....	3	††General Biology 153 <sup>G</sup> .....	3
††Biology Lab 152.....	1	††Biology Lab 154.....	1
English 101 or 121H or 123H <sup>G</sup> .....	3	Chemistry 121 <sup>G</sup> .....	3
Library Science 102.....	1	Chemistry Lab 123.....	1
Mathematics 151/161 <sup>1,G</sup> .....	3	Math 162 <sup>1,G</sup> .....	3
Foreign Language 101.....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Southeastern 101.....	2	Foreign Language 102.....	3
	16		17

#### Second Year

Chemistry 122.....	3	Communication 211 <sup>G</sup> .....	3
Chemistry Laboratory 124.....	1	Chemistry 265/267.....	4
††Microbiology 205.....	3	††General Biology 200.....	3
††Microbiology Laboratory 207.....	1	††General Biology 241.....	1
English 230, 231, or 232 <sup>G</sup> .....	3	Elective.....	3
Elective.....	3		
Math 163 <sup>1</sup> .....	3		
	17		14

#### Third Year

††Microbiology 325 <sup>2</sup> .....	4	English 322.....	3
††General Biology 341.....	1	Physics 192.....	3
††General Biology 312.....	3	Physics Lab 194.....	1
Chemistry 266/268.....	4	Chemistry 481/485.....	4
Physics 191.....	3	††Microbiology 461 <sup>2</sup> .....	4
Physics Lab 193.....	1		
	16		15

#### Fourth Year

Social Science Elective <sup>4,G</sup> .....	3	††Concentration Elective <sup>2</sup> .....	4
††Concentration Elective <sup>2</sup> .....	4	Social Science Elective <sup>4,G</sup> .....	3
††Concentration Elective <sup>2</sup> .....	4	Arts Elective <sup>3,G</sup> .....	3
††General Biology 441.....	1	History Elective <sup>G</sup> .....	3
	12		13

Total Minimum Semester Hours Required	120
Total Minimum Semester Hours Required in Major	41

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>©</sup>General Education Courses

\*Grade of "C" or better

<sup>††</sup>A grade of "C" or better is required in these major courses.

<sup>1</sup>Mathematics 165 and 200 (8 credit hours) may be taken in place of Mathematics 161, 162, and 163 (9 credit hours).

<sup>2</sup>Courses for the Microbiology/Molecular Biology Concentration (20 credit hours) selected from the following groups in consultation with advisor:

*Group A* - Fundamental courses (8 credit hours) Students in the Microbiology/Molecular Biology Concentration must take the following courses - MIC 325 and 461.

*Group B* - Concentration Electives (12 credit hours) - MIC 313, 336, 338, 423, 457, 460, 463, 465, CHEM 482, CLAB 486, BOT 401, 426, GBIO 314, 377, 408, 495, ZOO 392, 455, 465, 471, 499. The following courses require PRIOR approval of the advisor and the department head: GBIO 409, Internship 1-3 hours (3 hrs max); GBIO 450, Research Problems, 1-4 hours (4 hrs max); GBIO 493, Special Topics, 2-4 hrs.

<sup>3</sup>Courses can be taken in music, art, dance, or theatre.

<sup>4</sup>Courses can be selected in economics, geography, anthropology, criminal justice, political science, psychology, or sociology.

### Curriculum in Biological Sciences Leading to the Degree of Bachelor of Science Plant Science Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> General Biology 151 <sup>G</sup> .....	3	<sup>††</sup> General Biology 153 <sup>G</sup> .....	3
<sup>††</sup> Biology Lab 152.....	1	<sup>††</sup> Biology Lab 154.....	1
English 101 or 121H or 123H <sup>G</sup> .....	3	*Chemistry 121 <sup>G</sup> .....	3
Library Science 102.....	1	Chemistry Lab 123.....	1
*Math 151/161 <sup>1,G</sup> .....	3	Math 162 <sup>1,G</sup> .....	3
Foreign Language 101.....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Southeastern 101.....	2	Foreign Language 102.....	3
	16		17

#### Second Year

Chemistry 122.....	3	Communication 211 <sup>G</sup> .....	3
Chemistry Laboratory 124.....	1	Chemistry 261/263 <sup>5</sup> .....	4
<sup>††</sup> Microbiology 205.....	3	<sup>††</sup> General Biology 200.....	3
<sup>††</sup> Microbiology Laboratory 207.....	1	<sup>††</sup> General Biology 241.....	1
English 230, 231, or 232 <sup>G</sup> .....	3	Elective.....	3
Elective.....	3		
Math 163 <sup>1</sup> .....	3		
	17		14

#### Third Year

<sup>††</sup> Concentration Elective <sup>2</sup> .....	4	<sup>††</sup> Concentration Elective <sup>2</sup> .....	4
<sup>††</sup> General Biology 312.....	3	<sup>††</sup> Concentration Elective <sup>2</sup> .....	4
<sup>††</sup> General Biology 341.....	1	English 322.....	3
Physics 191.....	3	Physics 192.....	3
Physics Lab 193.....	1	Physics Lab 194.....	1
Chemistry 281/283 <sup>5</sup> .....	4		
	16		15

#### Fourth Year

Social Science Elective <sup>4,G</sup> .....	3	<sup>††</sup> Concentration Elective <sup>2</sup> .....	4
<sup>††</sup> Concentration Elective <sup>2</sup> .....	4	Elective.....	3
Arts Elective <sup>3,G</sup> .....	3	Social Science Elective <sup>4,G</sup> .....	3
Elective.....	1	History Elective <sup>G</sup> .....	3



††General Biology 441.....	1	
	<hr/>	13

Total Minimum Semester Hours Required		120
Total Minimum Semester Hours Required in Major		41

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>©</sup>General Education Courses

\*Grade of "C" or better

††A grade of "C" or better is required in these major courses.

<sup>1</sup>Mathematics 165 and 200 (8 credit hours) may be taken in place of Mathematics 161, 162, and 163 (9 credit hours). Students with a Math ACT score of 20 or lower will take Math 151 in place of Math 161. Students who take MATH 165 and 200 are required to take one additional elective hour.

<sup>2</sup>Concentration Electives for the Plant Science Concentration (minimum 20 credit hours) selected from the following in consultation with advisor: BOT 205, 347, 401, 426, 427, 429, 481, 482. GBIO 377, 395, 397, 404, 405, 406, 48, 410, 418, 485. HORT 301, 315, 320, 328, 412, 424, 426, 428, 490. ZOO 409. The following courses require PRIOR approval of the advisor and department head: GBIO 409, Internship 1-3 hrs (3 hrs max); GBIO 450, Research Problems 1-4 hrs (4 hrs max); GBIO 493, Special Topics, 2-4 hrs; HORT 495, Seminar 1 hr.

<sup>3</sup>Courses may be taken in music, art, dance, or theatre.

<sup>4</sup>Courses can be selected in economics, criminal justice, geography, anthropology, political science, psychology, or sociology.

<sup>5</sup>Students planning on attending medical, dental, or other professional or graduate schools, and students pursuing a minor in Chemistry should take Chemistry 265/267 and Chemistry 266/268. Also, Chemistry 265/267 can NOT be used as a prerequisite for Chemistry 281/283. Student who have completed CHEM 261/263 or 265/267 may take MIC 461 or GBIO 434 in place of CHEM 281/283 or 266/268.

### Curriculum in Biological Sciences Leading to the Degree of Bachelor of Science Business Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††General Biology 151 <sup>©</sup> .....	3	††General Biology 153 <sup>©</sup> .....	3
††Biology Lab 152.....	1	††Biology Lab 154.....	1
English 101 or 121H or 123H <sup>©</sup> .....	3	*Chemistry 121 <sup>©</sup> .....	3
Library Science 102.....	1	Chemistry Lab 123.....	1
*Math 151/161 <sup>1,©</sup> .....	3	Math 162 <sup>1,©</sup> .....	3
Foreign Language 101.....	3	English 102 or 122H or 124H <sup>©</sup> .....	3
Southeastern 101.....	2	Foreign Language 102.....	3
	<hr/>		<hr/>
	16		17

#### Second Year

Chemistry 122.....	3	Communication 211 <sup>©</sup> .....	3
Chemistry Laboratory 124.....	1	Chemistry 261/263 <sup>5</sup> .....	4
††Microbiology 205.....	3	††General Biology 200.....	3
††Microbiology Laboratory 207.....	1	††Accounting 200.....	3
English 230, 231, or 232 <sup>©</sup> .....	3	English 322.....	3
††General Biology 241.....	1		
Math 163 <sup>1</sup> .....	3		
	<hr/>		<hr/>
	15		16

#### Third Year

††General Biology 341.....	1	††General Biology 377 <sup>2</sup> .....	4
††General Biology 312.....	3	††General Biology 395 or 405.....	4
††Finance 381.....	3	††Concentration Elective <sup>2</sup> .....	4
Chemistry 281/283 <sup>5</sup> .....	4	Physics 192.....	3
Physics 191.....	3	Physics Lab 194.....	1
Physics Lab 193.....	1		
	<hr/>		<hr/>
	15		16

**Fourth Year**

††Economics 201 <sup>4,G</sup> .....	3	††Concentration Elective <sup>2</sup> .....	4
††Concentration Elective <sup>2</sup> .....	4	††MRKT 303 or MGMT 351 .....	3
Arts Elective <sup>3,G</sup> .....	3	††Economics 202 <sup>4,G</sup> .....	3
Elective .....	1	History Elective <sup>G</sup> .....	3
††General Biology 441.....	1		
	12		13

Total Minimum Semester Hours Required 120

Total Minimum Semester Hours Required in Major 41

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>A grade of "C" or better is required in all major courses.

\*A grade of "C" or better is required in these courses

<sup>†</sup>Mathematics 165 and 200 (8 credit hours) may be taken in place of Mathematics 161, 162, and 163. Students who take MATH 165 and 200 are required to take one additional elective hour.

<sup>2</sup>Courses for the Concentration Electives (minimum 20 credit hours required) selected from the following in consultation with advisor. GBIO 377 is required for the Business Concentration

Group A – (minimum one course required). Students in the Business Concentration must take either GBIO 395 or GBIO 405. (Note: Biology majors taking GBIO 395 must additionally be concurrently registered in GBIO 397).

Group B – Concentration Electives – BOT 205, 347, 401, 426, 427, 429, 433, 458, 481, 482, GBIO 281, 314, 395, 397, 404, 405, 406, 407, 408, 410, 418, 439, 442, 481, 485, 492, 495, HORT 301, 315, 320, 328, 412, 424, 426, 428, MIC 313, 325, 423, 436, 438, 457, 460, 461, 463, 465, ZOO 301, 302, 331, 332, 352, 392, 409, 428, 438, 453, 455, 456, 457, 458, 465, 470, 471, 475, 483, 488, 499. The following courses require PRIOR approval of the advisor and department head: GBIO 409, Internship 1-3 hrs (3 hrs max); GBIO 450 Research Problems, 1-4 hrs (4 hrs max); GBIO 493, Special Topics, 2-4 hrs. A Maximum of 4 credit hrs may be earned from the following courses: CHEM 281, 481, 482, CLAB 283, 485, 486. NOTE: If CHEM 281/283 is taken to fulfill Chemistry requirements, then it may not be used for elective requirements.

<sup>3</sup>Courses can be taken in music, art, dance, or theatre.

<sup>4</sup>ECON 201 and ECON 202 fulfill the Social Sciences requirement.

<sup>5</sup>Students planning on attending medical, dental, or other professional or graduate schools, and students pursuing a minor in Chemistry should take Chemistry 265/267 and Chemistry 266/268. Also, Chemistry 265/267 can NOT be used as a prerequisite for Chemistry 281/283. Student who have completed CHEM 261/263 or 265/267 may take MIC 461 or GBIO 434 in place of CHEM 281/283 or 266/268.

## Department of Chemistry and Physics

Gerard Blanchard, *Department Head*

The Department of Chemistry and Physics offers four-year curricula in both Chemistry and Physics. Since the Chemistry Department is approved by the American Chemical Society (ACS), chemistry graduates may receive diplomas certified by the ACS. Pre-professional programs in engineering, medicine, dentistry, optometry, and pharmacy are also offered.

### Chemistry Safety Policy

Laboratories are an integral part of all curricula in the Department. A copy of the safety regulations is provided to every student during the first lab class. Any student who violates the safety policy of the Department is subject to dismissal from the laboratory and withdrawal from the course in which the violation occurred. Departmental policy also requires that any student who drops the lecture must also drop the corresponding laboratory.

### Chemistry

Chemistry is the study of the composition and interaction of all substances. Areas of study range from chemical and instrumental analysis of mixtures to synthesis and characterization of polymers to molecular modeling to the chemistry of the human body and to computational chemistry. The degree program in chemistry at Southeastern is designed to offer the student comprehensive training in modern chemical principles in preparation for a career in industry or the health professions or for graduate study in chemistry or related fields. The study of chemistry is also important for fostering the scientific literacy of students in other disciplines, such as environmental science, law, education, and business.

A Major in Chemistry will be granted upon satisfactory completion of 33-49 hours of Chemistry. Candidates for a Major in Chemistry must obtain a minimum grade of "C" (or better) in the Chemistry core curriculum which includes CHEM 121, CHEM 122, CHEM 251, CHEM 265, CHEM 266, CLAB 123, CLAB 124, CLAB 254, CLAB 267 and CLAB 268.

A Minor in Chemistry may be obtained by completing 21 semester hours of chemistry with a GPA of 2.0 in those courses. Applicable courses for the minor are as follows: Chemistry 121-123, Chemistry 122-124, Chemistry 251-254, Chemistry 265-267, Chemistry 266-268, Chemistry 395/391, Chemistry 396/392, Chemistry 471/474, Chemistry 481/485, and Chemistry 482/486.

In order to better meet the needs of the diverse student population, five concentration areas are offered in chemistry. They differ primarily in the balance between the number of hours of chemistry and the number of elective hours required. Which one a given student should choose will depend on his/her career goals. Even if it is not a degree requirement, all students should consider the benefits of their involvement in supervised undergraduate research (CLAB 411) sometime during their Junior or Senior years.

### Chemistry Progression Policy

Students pursuing the degree of Bachelor of Science in Chemistry must meet both of the following progression standards:

1. Students may not repeat any of the following courses more than once: CHEM 121, CHEM 122, CLAB 123, CLAB 124, and MATH 200.
2. Students must successfully complete CHEM 121, CHEM 122, CLAB 123, CLAB 124, and MATH 200 with a grade of "C" or better by the end of the 4<sup>th</sup> regular semester following the declaration of a major in chemistry.

Students with exceptional circumstances must have an alternative progression plan approved by the Department Head. Students who do not meet these standards will not be allowed to continue in the chemistry major.

## Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Curriculum in Chemistry Leading to the Degree of Bachelor of Science American Chemical Society (ACS) Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Chemistry 121 <sup>G</sup> .....	3	††Chemistry 122 <sup>G</sup> .....	3
††Chemistry Lab 123 .....	1	††Chemistry Lab 124 .....	1
Library Science 102.....	1	English 102 or 122H or 124H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Math 201 <sup>G</sup> .....	5
Math 200 <sup>1,G</sup> .....	5	General Biology 151 <sup>G</sup> .....	3
Communication 211 <sup>G</sup> .....	3	Biology Lab 152.....	1
Southeastern 101 .....	2		
	<hr/> 18		<hr/> 16

#### Second Year

Physics 221 .....	3	††Chemistry 266 .....	3
Physics Lab 223 .....	1	††Chemistry Lab 268 .....	1
††Chemistry 265 .....	3	Physics 222 .....	3
††Chemistry Lab 267 .....	1	Physics Lab 224 .....	1
English 230,231, or 232 <sup>G</sup> .....	3	††Chemistry 251 .....	3
Arts Elective <sup>2,G</sup> .....	3	††Chemistry Lab 254 .....	2
	<hr/> 14	Computer Science 120 or 161 .....	3
			<hr/> 16

#### Third Year

†Chemistry 395 .....	3	Foreign Language <sup>3</sup> .....	3
†Chemistry Lab 391 .....	1	Social Science <sup>G</sup> .....	3
†Chemistry 452 .....	3	†Chemistry 396.....	3
†Chemistry Lab 453.....	2	†Chemistry Lab 392 .....	1
Foreign Language <sup>3</sup> .....	3	Elective.....	3
	<hr/> 12	†Chemistry 410.....	1
			<hr/> 14

#### Fourth Year

†Chemistry 471 .....	3	†Chemistry 401 .....	1
†Chemistry Lab 474 .....	2	†Chemistry 404, 412, 462, 482, 491 or 492....	3
†Chemistry 481 .....	3	†Chemistry 404, 462, 482, 491 or 492.....	3
†Chemistry Lab 485 .....	1	Electives .....	7
History Elective <sup>G</sup> .....	3		
Social Science <sup>G</sup> .....	3		
†Chemistry Lab 411 .....	1		
	<hr/> 16		<hr/> 14

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

Concentration 1 is strongly recommended for those students who may plan to attend graduate school in chemistry. Students who complete the ACS Certified Curriculum will receive, in addition to their diploma, a certificate from the American Chemical Society.

<sup>†</sup>All Chemistry courses specified above will be used to calculate the major GPA which must be a degree 2.0.

<sup>††</sup>Chemistry core curriculum course; grade of "C" or better required. This course will also be used to calculate the major GPA which must be a degree 2.0.

<sup>†</sup>Math 161 and 165 may be used as electives for those student's whose Math ACT score is insufficient for direct entry into Math 200.

<sup>‡</sup>Must be selected from Visual Arts, Music, Theatre, or Dance.

<sup>§</sup>Must be selected from the same language.

### Curriculum in Chemistry Leading to the Degree of Bachelor of Science Biochemistry Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Chemistry 121 <sup>G</sup> .....	3	<sup>††</sup> Chemistry 122 <sup>G</sup> .....	3
<sup>††</sup> Chemistry Lab 123 .....	1	<sup>††</sup> Chemistry Lab 124 .....	1
Library Science 102.....	1	English 102 or 122H or 124H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Math 201 <sup>G</sup> .....	5
Math 200 <sup>1,G</sup> .....	5	General Biology 151 <sup>G</sup> .....	3
Communications 211 <sup>G</sup> .....	3	Biology Lab 152.....	1
Southeastern 101 .....	2		
	18		16

#### Second Year

Physics 221 .....	3	<sup>††</sup> Chemistry 266 .....	3
Physics Lab 223 .....	1	<sup>††</sup> Chemistry Lab 268 .....	1
<sup>††</sup> Chemistry 265 .....	3	Physics 222 .....	3
<sup>††</sup> Chemistry Lab 267 .....	1	Physics Lab 224 .....	1
English 230, 231, or 232 <sup>G</sup> .....	3	<sup>††</sup> Chemistry 251 .....	3
General Biology 153.....	3	<sup>††</sup> Chemistry Lab 254 .....	2
		Computer Science 120 or 161 .....	3
	14		16

#### Third Year

<sup>†</sup> Chemistry 395 .....	3	Foreign Language <sup>3</sup> .....	3
<sup>†</sup> Chemistry Lab 391 .....	1	Social Science <sup>G</sup> .....	3
<sup>†</sup> Chemistry 452 .....	3	<sup>†</sup> Chemistry 396.....	3
<sup>†</sup> Chemistry Lab 453 .....	2	Concentration Elective <sup>4</sup> .....	4
Foreign Language <sup>3</sup> .....	3	<sup>†</sup> Chemistry 410.....	1
	12		14

#### Fourth Year

Concentration Elective <sup>4</sup> .....	3	<sup>†</sup> Chemistry 401 .....	1
Social Science <sup>G</sup> .....	3	Arts Elective <sup>2,G</sup> .....	3
History Elective <sup>G</sup> .....	3	<sup>†</sup> Chemistry 482.....	3
Electives .....	3	<sup>†</sup> Chemistry Lab 486 .....	1
<sup>†</sup> Chemistry 481 .....	3	Electives.....	6
<sup>†</sup> Chemistry Lab 485 .....	1		
	16		14

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

Concentration 2 is recommended for those students who plan to attend graduate school in biochemistry or who are seeking admission into a program in medicine or dentistry.

<sup>†</sup>All Chemistry courses specified above will be used to calculate the major GPA which must be a degree 2.0.

<sup>††</sup>Chemistry core curriculum course; grade of "C" or better required. This course will also be used to calculate the major GPA which must be a degree 2.0.

<sup>†</sup>Math 161 and 165 may be used as electives for those student's whose Math ACT score is insufficient for direct entry into Math 200.

<sup>‡</sup>Must be selected from Visual Arts, Music, Theatre, or Dance.

<sup>§</sup>Must be selected from the same language.

<sup>¶</sup>Concentration electives (7 hrs) must be selected from the following courses: <sup>†</sup>CHEM 404(1-3), G BIO 200 (3), G BIO 312 (3), MIC 205 and MICL 207 (4), ZOO 392 (4), or CHEM 471 (3).

### Curriculum in Chemistry Leading to the Degree of Bachelor of Science Business and Industry Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Chemistry 121 <sup>Ⓒ</sup> .....	3	<sup>††</sup> Chemistry 122 <sup>Ⓒ</sup> .....	3
<sup>††</sup> Chemistry Lab 123 .....	1	<sup>††</sup> Chemistry Lab 124 .....	1
Library Science 102 .....	1	English 102 or 122H or 124H <sup>Ⓒ</sup> .....	3
English 101 or 121H or 123H <sup>Ⓒ</sup> .....	3	Math 201 <sup>Ⓒ</sup> .....	5
Math 200 <sup>1,Ⓒ</sup> .....	5	General Biology 151 <sup>Ⓒ</sup> .....	3
Communications 211 <sup>Ⓒ</sup> .....	3	Biology Lab 152.....	1
Southeastern 101 .....	2		
	18		16

#### Second Year

Physics 221 .....	3	<sup>††</sup> Chemistry 266 .....	3
Physics Lab 223 .....	1	<sup>††</sup> Chemistry Lab 268 .....	1
<sup>††</sup> Chemistry 265 .....	3	Physics 222 .....	3
<sup>††</sup> Chemistry Lab 267 .....	1	Physics Lab 224 .....	1
English 230, 231, or 232 <sup>Ⓒ</sup> .....	3	<sup>††</sup> Chemistry 251 .....	3
Arts Elective <sup>2,Ⓒ</sup> .....	3	<sup>††</sup> Chemistry Lab 254 .....	2
		Computer Science 120 or 161 .....	3
	14		16

#### Third Year

<sup>†</sup> Chemistry 395 .....	3	Economics 201 or 202 <sup>Ⓒ</sup> .....	3
<sup>†</sup> Chemistry Lab 391 .....	1	Foreign Language <sup>3</sup> .....	3
Foreign Language <sup>3</sup> .....	3	<sup>†</sup> Chemistry 396.....	3
Concentration Electives <sup>4</sup> .....	6	Concentration Electives <sup>4</sup> .....	6
		<sup>†</sup> Chemistry 410 .....	1
	13		16

#### Fourth Year

<sup>†</sup> Chemistry 452.....	3	<sup>†</sup> Chemistry 401 .....	1
<sup>†</sup> Chemistry Lab 453.....	2	Electives .....	12
History Elective <sup>Ⓒ</sup> .....	3		
Social Sciences <sup>Ⓒ</sup> .....	3		
Concentration Electives <sup>4</sup> .....	3		
	14		13

Total semester hours required

120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>Ⓒ</sup>General Education Courses

Concentration 3 is recommended for those students who are planning for a career in industry. The non-chemistry courses have been chosen such that they provide support for additional work either in a Master's in Business or training in Occupational Safety and Health.

<sup>†</sup>All Chemistry courses specified above will be used to calculate the major GPA which must be a degree 2.0.

<sup>††</sup>Chemistry core curriculum course; grade of "C" or better required. This course will also be used to calculate the major GPA which must be a degree 2.0.

<sup>†</sup>Math 161 and 165 may be used as electives for those student's whose Math ACT score is insufficient for direct entry into Math 200.

<sup>‡</sup>Must be selected from Visual Arts, Music, Theatre, or Dance.

<sup>3</sup>Must be selected from the same language.

<sup>4</sup>Concentration electives (15 hrs) must be selected from any of the following courses:

Industry Courses: <sup>†</sup>CHEM 404, OSHE 231, OSHE 141[241], OSHE 251, OSHE 261, OSHE 381[281], OSHE 451

Business Courses: <sup>†</sup>CHEM 404, ACCT 200, ECON 201, ECON 202, FIN 381, BLAW 231, MGMT 351, MRKT 303, MATH 241, OMIS 350 [MGMT 290], OMIS 430 [MGMT 474]. Students who intend to pursue the Master of Business Administration degree after graduation are advised to select ACCT 200, FIN 381, MATH 241 and any 2 of the following: MGMT 351, MRKT 303, and ECON 202..

**Curriculum in Chemistry  
Leading to the Degree of Bachelor of Science  
Political Science/Pre-Law Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Chemistry 121 <sup>G</sup> .....	3	<sup>††</sup> Chemistry 122 <sup>G</sup> .....	3
<sup>††</sup> Chemistry Lab 123 .....	1	<sup>††</sup> Chemistry Lab 124 .....	1
Library Science 102.....	1	English 102 or 122H or 124H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Math 201 <sup>G</sup> .....	5
Math 200 <sup>1,G</sup> .....	5	General Biology 151 <sup>G</sup> .....	3
Communications 211 <sup>G</sup> .....	3	Biology Lab 152.....	1
Southeastern 101 .....	2		
	18		16

**Second Year**

<sup>††</sup> Chemistry 265 .....	3	<sup>††</sup> Chemistry 251 .....	3
<sup>††</sup> Chemistry Lab 267 .....	1	<sup>††</sup> Chemistry Lab 254 .....	2
Physics 221 .....	3	<sup>††</sup> Chemistry 266 .....	3
Physics Lab 223 .....	1	<sup>††</sup> Chemistry Lab 268 .....	1
English 230, 231, or 232 <sup>G</sup> .....	3	Physics 222 .....	3
Arts Elective <sup>2,G</sup> .....	3	Physics Lab 224 .....	1
		Computer Science 120 or 161 .....	3
	14		16

**Third Year**

<sup>†</sup> Chemistry 395 .....	3	<sup>†</sup> Chemistry 396 .....	3
<sup>†</sup> Chemistry Lab 391 .....	1	Social Science <sup>G</sup> .....	3
Foreign Language <sup>3</sup> .....	3	Foreign Language <sup>3</sup> .....	3
Concentration Electives <sup>4</sup> .....	6	Concentration Electives <sup>4</sup> .....	6
		<sup>†</sup> Chemistry 410 .....	1
	13		16

**Fourth Year**

<sup>†</sup> Chemistry 452.....	3	<sup>†</sup> Chemistry 401 .....	1
<sup>†</sup> Chemistry Lab 453 .....	2	Electives .....	12
Social Science <sup>G</sup> .....	3		
History Elective <sup>G</sup> .....	3		
Concentration Elective <sup>4</sup> .....	3		
	14		13

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

Concentration 4 is designed for those students who may wish to enter the fields of environmental or patent law. The electives have been chosen from those recommended for pre-law students

<sup>†</sup>All Chemistry courses specified above will be used to calculate the major GPA which must be a degree 2.0.

<sup>††</sup>Chemistry core curriculum course; grade of "C" or better required. This course will also be used to calculate the major GPA which must be a degree 2.0.

<sup>1</sup>Math 161 and 165 may be used as electives for those student's whose Math ACT score is insufficient for direct entry into Math 200.

<sup>2</sup>Must be selected from Visual Arts, Music, Theatre, or Dance.

<sup>3</sup>Must be selected from the same language.

<sup>4</sup>Concentration electives (15 hrs) must be selected from the following courses: †CHEM 404(1-3), ECON 201(3), ACCT 200(3), ENGL 321(3), PHIL 313(3), BLAW 232(3), POLI 201(3), or POLI 202(3), POLI 401(3), POLI 406(3), OR POLI 436(3).

**Curriculum in Chemistry  
Leading to the Degree of Bachelor of Science  
Forensic Science Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Chemistry 121 <sup>G</sup> .....	3	††Chemistry 122 <sup>G</sup> .....	3
††Chemistry Lab 123 .....	1	††Chemistry Lab 124 .....	1
Library Science 102 .....	1	English 102 or 122H or 124H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Math 200 <sup>1,G</sup> .....	5
General Biology 151 <sup>G</sup> .....	3	General Biology 153 <sup>G</sup> .....	3
Biology Lab 152 .....	1	Biology Lab 154 .....	1
Communications 211 <sup>G</sup> .....	3		
Southeastern 101 .....	2		
	17		16

**Second Year**

Psychology 101 <sup>G</sup> .....	3	††Chemistry 266 .....	3
Arts Elective <sup>2,G</sup> .....	3	††Chemistry Lab 268 .....	1
††Chemistry 265 .....	3	Physics 221 .....	3
††Chemistry Lab 267 .....	1	Physics Lab 223 .....	1
Math 201 <sup>G</sup> .....	5	††Chemistry 251 .....	3
		††Chemistry Lab 254 .....	2
		Math 241 .....	3
	15		16

**Third Year**

†Chemistry 395 .....	3	†Chemistry 396 .....	3
†Chemistry Lab 391 .....	1	English 230, 231, or 232 .....	3
Physics 222 .....	3	Foreign Language <sup>3</sup> .....	3
Physics Lab 224 .....	1	Computer Science 120 or 161 .....	3
Foreign Language <sup>3</sup> .....	3	Concentration Elective <sup>4</sup> .....	3
Concentration Elective <sup>4</sup> .....	3	†Chemistry 410 .....	1
	14		16

**Fourth Year**

†Chemistry 452 .....	3	†Chemistry 401 .....	1
†Chemistry Lab 453 .....	2	Social Science Elective <sup>G</sup> .....	3
†Chemistry 481 .....	3	Concentration Electives <sup>4</sup> .....	6
†Chemistry Lab 485 .....	1	Elective .....	1
Concentration Elective <sup>4</sup> .....	3	History Elective <sup>G</sup> .....	3
	12		14

**Total semester hours required** **120**

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

Concentration 5 is designed for those students who may wish to enter the fields of forensic science. The electives have been chosen according to the recommendations of the American Academy of Forensic Sciences.

<sup>1</sup>All Chemistry courses specified above will be used to calculate the major GPA which must be a degree 2.0.

<sup>††</sup>Chemistry core curriculum course; grade of "C" or better required. This course will also be used to calculate the major GPA which must be a degree 2.0.

<sup>†</sup>Math 165 may be used as electives for those student's whose Math ACT score is insufficient for direct entry into Math 200.

<sup>2</sup>Must be selected from Visual Arts, Music, Theatre, or Dance.

<sup>3</sup>Must be selected from the same language.



<sup>4</sup>Concentration electives (15 hrs) must be selected from the following courses: CHEM 108, CJ 101, CJ 201, CJ 302, CJ 336, CJ 353, CJ 412 or SOC 412, GBIO 407, or ZOO 332.

## Physics

The notion that all matter from subatomic particles to galactic clusters obeys a small set of principles that can be modeled mathematically is the fundamental premise of physics. The degree program in physics offers comprehensive training in all four major fields of physics: mechanics, electricity and magnetism, thermodynamics, and quantum mechanics. When combined with the numerous opportunities for undergraduate research in physics, the degree program produces students who are well prepared for a career in industry or for graduate study in physics or engineering.

A major in Physics in the College of Science and Technology will be given upon satisfactory completion of 46 semester hours of Physics.

A minor in physics will be granted upon satisfactory completion of 20 semester hours in physics at the 200 level or above, eight hours of which must be Physics 221-223 and Physics 222-224.

## Physics Progression Policy

Students pursuing the degree of Bachelor of Science in Physics must meet both of the following progression standards:

1. Students must make successful progress every regular semester in the sequence of courses starting with the mathematics course determined by the "Placement in Mathematics" policy and culminating in MATH 200 and PHYS 221/PLAB 223. Students will be permitted to repeat only one of these courses one time.
2. Students must complete PHYS 221 and PLAB 223 by the end of the 4<sup>th</sup> regular semester following the declaration of a major in physics.

Students with exceptional circumstances must have an alternative progression plan approved by the Department Head. Students who do not meet these standards will not be allowed to continue in the physics major.

## Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

## Curriculum in Physics Leading to the Bachelor of Science Degree

### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Chemistry 121 .....	3	Chemistry 122 .....	3
Chemistry Lab 123 .....	1	Chemistry Lab 124 .....	1
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Math 200 <sup>1,G</sup> .....	5	Math 201 <sup>G</sup> .....	5
Computer Science 161 .....	3	†Physics 221 <sup>G</sup> .....	3
†Physics 130 .....	1	†Physics Lab 223 .....	1
Southeastern 101 .....	2		
	18		16

### Second Year

†Physics 222 <sup>G</sup> .....	3	†Physics 301 .....	3
†Physics Lab 224 .....	1	†Physics Lab 303 .....	1

Computer Science 280 .....	3	†Physics 321 .....	3
Math 312 .....	3	†Physics 351 .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
History Elective <sup>G</sup> .....	3		
	<hr/> 16		<hr/> 13

**Third Year**

†Physics 332 .....	3	†Physics 402 .....	3
†Physics 312 .....	3	†Physics Lab 425 .....	2
†Physics Lab 314 .....	1	Elective .....	3
Math 350 .....	3	Biological Science <sup>G</sup> .....	4
Social Science <sup>G</sup> .....	3	Social Science <sup>G</sup> .....	3
	<hr/> 13		<hr/> 15

**Fourth Year**

†Physics 331 .....	3	†Physics 422 .....	3
†Physics 421 .....	3	†Physics 401 .....	3
Arts Elective <sup>2,G</sup> .....	3	†Physics 430 .....	3
Electives .....	6	Electives .....	5
	<hr/> 15		<hr/> 14

Total Semester Hours 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

†All courses labeled with this symbol will be used to calculate the major GPA which must be a degree 2.0 average.

<sup>1</sup>Math 161 and 165 may be used as electives for those students who must take them before entering Math 200.

<sup>2</sup>Must be selected from Visual Arts, Music, Theatre, or Dance.

**Curriculum in Physics  
Leading to the Bachelor of Science Degree  
Applied Physics Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
Chemistry 121 .....	3	Chemistry 122 .....	3
Chemistry Lab 123 .....	1	Chemistry Lab 124 .....	1
English 101 <sup>G</sup> .....	3	English 102 <sup>G</sup> .....	3
Math 200 <sup>1,G</sup> .....	5	Math 201 <sup>G</sup> .....	5
Computer Science 161 .....	3	†Physics 221 <sup>G</sup> .....	3
†Physics 130 .....	1	†Physics Lab 223 .....	1
Southeastern 101 .....	2		
	<hr/> 18		<hr/> 16

**Second Year**

†Physics 222 <sup>G</sup> .....	3	†Physics Electives <sup>2</sup> .....	10
†Physics Lab 224 .....	1	Communication 211 <sup>G</sup> .....	3
Computer Science 280 .....	3		
Math 312 .....	3		
English 230, 231, or 232 <sup>G</sup> .....	3		
History Elective <sup>G</sup> .....	3		
	<hr/> 16		<hr/> 13

**Third Year**

†Physics Electives <sup>2</sup> .....	7	†Physics Electives <sup>2</sup> .....	5
Math 350 .....	3	Elective .....	3
Social Science <sup>G</sup> .....	3	Biological Science <sup>G</sup> .....	4

	Social Science <sup>6</sup> .....	3
	13	15
<b>Fourth Year</b>		
Application Electives <sup>3</sup> .....	6	9
Arts Elective <sup>4,6</sup> .....	3	5
Electives .....	6	
	15	14
<b>Total Semester Hours</b>		<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>6</sup>General Education Courses

<sup>1</sup>All courses labeled with this symbol will be used to calculate the major GPA which must be a degree 2.0 average or higher.

<sup>1</sup>Math 161 and 165 may be used as electives for those students who must take them before entering Math 200.

<sup>2</sup>Must be selected from PHYS/PLAB 301, 303, 312, 314, 321, 331, 332, 351, 401, 421, 422, 425, or 430.

<sup>3</sup>Must be 200-, 300-, or 400-level courses. Must be selected from courses applicable to a minor in the course's description.

<sup>4</sup>Must be selected from Visual Arts, Music, Theatre, or Dance.

## Dual Degree Program in Engineering and Physics University of New Orleans/Southeastern Louisiana University

1. This is a program of undergraduate study at UNO and Southeastern whereby students may earn a Bachelor of Science (B.S.) degree in physics from Southeastern and a Bachelor of Science degree in civil engineering, electrical engineering, or mechanical engineering from UNO in a total of 5 years.
2. Students in this program will typically enroll at Southeastern for five semesters and enroll at UNO for five semesters.
3. After successfully completing the prescribed curriculum at Southeastern, the student will submit an application for transfer admission to UNO's Admissions Office.
4. The Department of Chemistry and Physics at Southeastern will advise dual-degree students while students are enrolled there to ensure that the requirements for the B.S. degree at Southeastern and the entrance requirements to the College of Engineering at the University of New Orleans are met. The Associate Dean of Engineering at UNO will be available for further advising and consultation. UNO's Admissions Office will ensure that UNO's requirements for the program are met.
5. Satisfactory preparation in coursework at both universities is defined as follows:
  - a. A grade of "C" or better in each course taken at Southeastern to satisfy degree requirements in the fields of mathematics, physics, chemistry, engineering and other fields necessary to satisfy degree requirements of UNO, and
  - b. An overall cumulative grade point average (GPA) of 2.25 or better earned at Southeastern for acceptance fulltime to the University of New Orleans.
6. The minimum requirements for awarding the B.S. in Physics from Southeastern in conjunction with the B.S. in Engineering from UNO are as follows:
  - a. Completion of at least 30 credit hours in residence at Southeastern;
  - b. Completion of at least 28 hours of physics courses at the 200-level or higher, of which at least 23 hours must be completed in residence at Southeastern, and which must be chosen from courses required of physics majors at Southeastern;
  - c. A grade point average of 2.0 in all courses used to satisfy the graduation requirements and in all required course work in the major field of physics;
  - d. Completion of the Louisiana Board of Regents general education requirements;

- e. Successful completion of an engineering degree program at UNO.
7. Successful completion of the coursework at University of New Orleans means the following:
    - a. Achievement of a GPA of at least 2.0 in the student's selected major,
    - b. Achievement of a cumulative UNO GPA of at least 2.0,
    - c. Completion of at least 60 credit hours of coursework in residence at UNO unless otherwise approved by the Associate Dean for Student and Undergraduate Affairs at UNO, and
    - d. At least 50% of all major courses must be completed in residence at UNO.
  8. At the beginning of the semester in which the student completes the requirements for graduation at UNO, the student must contact the Head of the Department of Chemistry and Physics at Southeastern and send an official UNO transcript (to the Department Head) and complete Southeastern's graduation application process. The College of Engineering at UNO shall verify to the College of Science and Technology at Southeastern that the student has completed the requirements for graduation from UNO. At the end of the semester, once the student has completed all courses for graduation from UNO, the student must send an official UNO transcript to Southeastern's Office of Admissions.
  9. After successful completion of the coursework at University of New Orleans, the student will receive:
    - a. The degree of Bachelor of Science in the appropriate Engineering discipline from UNO, and
    - b. The degree of Bachelor of Science in Physics from Southeastern.

## Department of Computer Science

Quoc-Nam Tran, *Department Head*

### Computer Science and Information Technology

The Department of Computer Science offers a four-year program leading to the Bachelor of Science degree in Computer Science and a four-year program leading to the Bachelor of Science in Information Technology. Both programs are accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>. These programs are designed to provide the foundation necessary for computer science graduates to succeed in the computing profession as well as in graduate school.

The department also offers courses in computing applications designed to meet the needs of students in other disciplines.

### Majors

Students wishing to major, or co-major, in Computer or Information Technology must complete the following:

1. Forty-eight or more hours of computer science course work as specified in the curriculum below.
2. Six or more semester hours of mathematics course work as specified in the curriculum below.
3. Fifteen or more semester hours of science course work as specified in the curriculum below.
4. Thirty or more semester hours of broad, general education course work.

In addition, students must complete a departmentally specified comprehensive computer science examination in their final semester.

### Progression Requirements for the Discipline

Students intending to major in Computer Science or Information Technology should inform the Department of Computer Science and Industrial Technology of their intention as early as possible in their academic career. By the time they have earned 45 hours at Southeastern,\* students wishing to continue a major in Computer Science or Industrial Technology must pass Computer Science 161 with a "C" or better, or they must declare another major. Students who have declared a Computer Science major must pass Mathematics 200 with a "C" or better by the time they have earned 60 hours at Southeastern.\* If they are unable to achieve this milestone, they can change their major to Information Technology. Students with exceptional circumstances must have an alternative progression plan approved by the Department Head.

\*Note that credit hours transferred from other institutions are not included in these total hours earned.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minors

The Computer Science minor consists of the following eighteen semester hours of course work in Computer Science: CMPS 161, CMPS 257 or MATH 223, CMPS 280, CMPS 285, CMPS 390 and three credits from CMPS 401, 411, 439, or 450.

The Information Technology minor consists of eighteen semester hours of course work in Computer Science: CMPS 161, 280, 285, 294 and six credits from CMPS 315, 329, 339, or 394.

The Computer Technology minor consists of eighteen semester hours of course work in Computer Science. CMPS 101, 110, 120 and three courses from: CMPS 204, 209, 210, 225, 233, 235, 333, and 335.

**Curriculum in Computer Science  
Leading to the Degree of Bachelor of Science  
Pre-MBA Concentration\***

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Mathematics 200 <sup>G</sup> .....	5	††Mathematics 201 <sup>G</sup> .....	5
English 101 <sup>G</sup> .....	3	English 102 <sup>G</sup> .....	3
History Elective <sup>G</sup> .....	3	††Computer Science 257 or MATH 223 .....	3
††Computer Science 161 .....	3	††Computer Science 280 .....	3
Southeastern 101 .....	2		
	16		14

**Second Year**

††Computer Science 120 .....	3	††Computer Science 375 .....	3
††Computer Science 285 .....	3	††Computer Science 390 .....	3
††Computer Science 290 or 293 .....	3	Economics 201 <sup>G</sup> .....	3
Communications 211 <sup>G</sup> .....	3	English 230, 231, or 232 <sup>G</sup> .....	3
Science Sequence I <sup>2,G</sup> .....	4	Science Sequence II <sup>4,G</sup> .....	4
	16		16

**Third Year**

††Computer Science 401 .....	3	††Computer Science 383 .....	3
††Management 351 .....	3	††Computer Science 431 .....	3
English 322 .....	3	Business Law 231 .....	3
Accounting 200 .....	3	Mathematics 380 .....	3
Biology Elective <sup>2,G</sup> .....	4	††Computer Science 415 .....	3
	16		15

**Fourth Year**

††Computer Science 411 .....	3	††Computer Science 439 .....	3
Art/Music Elective <sup>1,G</sup> .....	3	††Computer Science 482 .....	3
Science Elective <sup>2</sup> .....	3	Marketing 303 .....	3
Finance 381 .....	3	Pre-MBA Elective <sup>3</sup> .....	3
Economics 202 <sup>G</sup> .....	3		
	15		12

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††Students must earn a grade of "C" or better in all Computer Science courses and in Math 200 and 201.

<sup>1</sup>Choose from the following: Visual Arts, Music, Dance, or Theatre

<sup>2</sup>Choose a science sequence; including labs, from (Physics 221/223 & 222/224) or (Biology 151/152 & 153/154) or (Chemistry 121/123 & 122/124), and two science electives from the same set of courses, one of which must include the corresponding lab. If a science elective is in biology, then the science sequence must be either physics or chemistry. If science sequence is in biology, then the science electives must be in physics and/or chemistry. At least one biology course must include a lab.

<sup>3</sup>Choose from the following: MRKT 314, MRKT 342, ACCT 225, MGMT 375, MGMT 473, OMIS 435.

\*Students wishing to enter Southeastern's MBA program upon graduation would be required to (1) complete BLAW 231 either prior to or in their first semester as an MBA student, (2) have a minimum 2.75 cumulative grade point average, and (3) score a minimum of 450 on the GMAT.

**Curriculum in Computer Science  
Leading to the Degree of Bachelor of Science  
Scientific Concentration**

<b>First Year</b>		S.H.	<b>Second Semester</b>		S.H.
FIRST SEMESTER	S.H.		SECOND SEMESTER		S.H.
††Mathematics 200 <sup>G</sup> .....	5		††Mathematics 201 <sup>G</sup> .....		5
English 101 or 121H or 123H <sup>G</sup> .....	3		English 102 or 122H or 124H <sup>G</sup> .....		3
History Elective <sup>G</sup> .....	3		††Computer Science 257 or MATH 223 .....		3
††Computer Science 161 .....	3		††Computer Science 280 .....		3
Southeastern 101 .....	2				
	16				14
<b>Second Year</b>					
††Computer Science 285 .....	3		††Computer Science 375 .....		3
††Computer Science 290 or 293 .....	3		††Computer Science 390 .....		3
Communications 211 <sup>G</sup> .....	3		Social Science Elective <sup>2,G</sup> .....		3
Economics 201 or 202 <sup>G</sup> .....	3		English 230, 231, or 232 <sup>G</sup> .....		3
Science Sequence I <sup>4,G</sup> .....	4		Science Sequence II <sup>4,G</sup> .....		4
	16				16
<b>Third Year</b>					
††Computer Science 401 .....	3		††Computer Science 431 .....		3
††Computer Science Elective (300-400 level) .	3		††Computer Science Elective (300-400 level) .		3
English 322 .....	3		Mathematics Elective <sup>3</sup> .....		3
Mathematics 380 .....	3		Art/Music Elective <sup>1,G</sup> .....		3
Science Elective <sup>4</sup> .....	3		††Computer Science 415 .....		3
	15				15
<b>Fourth Year</b>					
††Computer Science 391 or MATH 392 .....	3		††Computer Science 479 .....		3
††Computer Science 411 .....	3		††Computer Science 482 .....		3
Elective .....	3		Mathematics Elective <sup>3</sup> .....		3
Elective .....	3		Science Elective and Lab <sup>4,G</sup> .....		4
Elective .....	3				
	15				13
Total semester hours required					120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††Students must earn a grade of "C" or better in all Computer Science courses and in Math 200 and 201.

<sup>1</sup>Choose one from the following: Visual Arts, Music, Dance, or Theatre

<sup>2</sup>Choose one from the following: Anthropology, Criminal Justice, Geography, Psychology, Political Science, or Sociology.

<sup>3</sup>Choose from Mathematics 312, 350, 360, 370, 410, or 414.

<sup>4</sup>Choose a science sequence, including labs from (Physics 221/223 & 222/224) or (Biology 151/152 & 153/154) or (Chemistry 121/123 & 122/124) and two science electives from the same set of courses, one of which must include the corresponding lab. If a science elective is biology, then science sequence must be either physics or chemistry. If a science sequence is in biology, then science electives must be in physics or chemistry. At least one biology course must include a lab.

**Curriculum in Information Technology  
Leading to the Degree of Bachelor of Science**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Mathematics 165 <sup>G</sup> .....	3	††Mathematics 241 <sup>G</sup> .....	3
English 101 <sup>G</sup> .....	3	English 102 <sup>G</sup> .....	3
History Elective <sup>G</sup> .....	3	††Computer Science 257 or MATH 223 .....	3
††Computer Science 161 .....	3	††Computer Science 280 .....	3
Social Science Elective <sup>G</sup> .....	3	Arts/Music Elective <sup>1,G</sup> .....	3
Southeastern 101 .....	2		
	17		15

**Second Year**

††Computer Science 285 .....	3	††Computer Science 294 .....	3
††Computer Science 290 or 293 .....	3	††Computer Science 375 .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	††Computer Science 390 .....	3
Communications 211 <sup>G</sup> .....	3	English 322 .....	3
Science Sequence I <sup>3,G</sup> .....	4	Biology Elective <sup>3</sup> .....	4
	16		16

**Third Year**

††Computer Science 315 .....	3	††Computer Science 383 .....	3
Social Science Elective <sup>G</sup> .....	3	††Computer Science 431 .....	3
Science Sequence II <sup>3,G</sup> .....	4	††Computer Science 329 .....	3
Application Domain/Free Elective <sup>6</sup> .....	3	Science Elective <sup>3,G</sup> .....	3
Elective .....	1	††Computer Science 415 .....	3
	14		15

**Fourth Year**

††Computer Science 411 .....	3	††Computer Science 339 .....	3
††Computer Science 420 .....	3	††Computer Science 482 .....	3
††Computer Science Elective <sup>2,4</sup> .....	3	††Computer Science Elective <sup>2,5</sup> .....	3
Application Domain/Free Elective <sup>6</sup> .....	3	Application Domain/Free Elective <sup>6</sup> .....	6
	12		15

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††Students must earn a grade of "C" or better in all Computer Science courses and in Math 165 and 241.

<sup>1</sup>Choose one from the following: Visual Arts, Music, Dance, or Theatre

<sup>2</sup>Students are required to take additional mathematics if they wish to pursue some Computer Science electives.

<sup>3</sup>Choose a science sequence, including labs, from (Physics 191/193 & 192/194); or (Physics 221/223 & 222/224) or (Biology 151/152 & 153/154) or (Chemistry 121/123 & 122/124) and two science electives from the same set of courses, one of which must include the corresponding lab. If a science elective is in biology, the science sequence must be in either physics or chemistry. If the science sequence is biology, then the science electives must be in either physics or chemistry. At least one biology course must include a lab. Note that some of these science courses require additional math prerequisites.

<sup>4</sup>Must be selected from CMPS 389, 394, 409, 455, 494

<sup>5</sup>Must be selected from CMPS 391, 401, 434, 441, 443, 470, 479, 493

<sup>6</sup>We recommend that this course be chosen as part of a cohesive group of courses that will focus on a particular application domain. Students may consult a computer science faculty member for advice on application domains, but this is effectively a free elective.



## Department of Industrial and Engineering Technology

Mohammad Saadeh, *Department Head*

### Engineering Technology

Engineering Technology is a profession in which knowledge of applied mathematics, natural sciences, and engineering methods gained by higher education and practice is used for the development of technological advances and for applications of existing technology to various industries. An Engineering Technology program is different from a classical engineering one in that it is devoted primarily to the utilization of available engineering techniques and methods to solve practical technological problems. The Engineering Technology program is accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org>.

### Engineering Technology Concentrations

Students must elect to study one of the Engineering Technology Concentrations: Computer Engineering Technology, Construction Engineering Technology, Energy Engineering Technology, or Mechanical Engineering Technology. A Bachelor of Science degree will be awarded upon successful completion of the required course work, which includes the Engineering Technology core curriculum, the required curriculum for each individual concentration, and the relevant technical electives.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Major

There are 33 credit hours of required core courses, 30 to 33 credit hours of concentration required courses, and an additional six to nine credit hours of technical elective courses required for the Bachelor of Science degree in Engineering Technology.

### Curriculum in Engineering Technology Leading to the Degree of Bachelor of Science Computer Engineering Technology Concentration

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	
††Engineering Technology 100.....	3	††Engineering Technology 213.....	3
Mathematics 165 <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Chemistry 121 .....	3	Math 200 <sup>G</sup> .....	5
English 101 or 121H or 123H <sup>G</sup> .....	3	Physics 191 <sup>G</sup> .....	3
Southeastern 101 .....	2	Physics Lab 193 .....	1
	14		15
<b>Second Year</b>			
††Engineering Technology 202.....	3	††Engineering Technology 111.....	3
††Engineering Technology 205.....	3	††Engineering Technology 221.....	3
††Engineering Technology 212.....	3	††Engineering Technology 226 .....	3
††Engineering Technology 225.....	3	Computer Science 290 .....	3
Physics 192 <sup>G</sup> .....	3	General Biology 151 <sup>G</sup> .....	3
Physics Lab 194 .....	1	Biology Lab 152 .....	1
	16		16

**Third Year**

††Engineering Technology 241.....	3	††Engineering Technology 320.....	3
††Engineering Technology 410.....	3	††Engineering Technology 305.....	3
Computer Science 297.....	3	Economics 201 or 202 <sup>G</sup> .....	3
English 322.....	3	††OSHE 111.....	3
Music, Art, Theatre, or Dance <sup>G</sup> .....	3	History 101, 102, 201 or 202 <sup>G</sup> .....	3
		Communication 211 <sup>G</sup> .....	3
	15		18

**Fourth Year**

††Engineering Technology 492.....	3	††Engineering Technology 425.....	3
††Engineering Technology 493.....	3	††Engineering Technology 494.....	3
††Technical Elective I <sup>2</sup> .....	3	††Technical Elective III <sup>2</sup> .....	3
††Technical Elective II <sup>2</sup> .....	3	English 230, 231, or 232 <sup>G</sup> .....	3
††Industrial Technology 407.....	3	Social Sciences <sup>1,G</sup> .....	3
	15		15
Total semester hours required		124	

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

<sup>††</sup>A grade of "C" or better is required in all major courses; and overall GPA of 2.0 is required to graduate.

<sup>1</sup>Economics, Psychology, Anthropology, Sociology, Criminal Justice or Political Science.

<sup>2</sup>Technical electives should be selected by students in consultation with their advisor.

**Curriculum in Engineering Technology  
Leading to the Degree of Bachelor of Science  
Construction Engineering Technology Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Engineering Technology 100.....	3	††Engineering Technology 111.....	3
††Engineering Technology 132.....	3	††Engineering Technology 231.....	3
Mathematics 165 <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Math 200 <sup>S</sup> .....	5
Southeastern 101.....	2	Physics 191 <sup>G</sup> .....	3
		Physics Lab 193.....	1
	14		18

**Second Year**

††Engineering Technology 213.....	3	††Engineering Technology 202.....	3
††Engineering Technology 232.....	3	††Engineering Technology 271.....	3
††Engineering Technology 241.....	3	††Engineering Technology 331.....	3
General Biology 151 <sup>G</sup> .....	3	Communication 211 <sup>G</sup> .....	3
Biology Lab 152.....	1	Physics 192 <sup>G</sup> .....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Physics Lab 194.....	1
	16		16

**Third Year**

††Engineering Technology 234.....	3	††Engineering Technology 305.....	3
††Engineering Technology 244.....	3	††Engineering Technology 336.....	3
††Engineering Technology 332.....	3	††Engineering Technology 441.....	3
††OSHE 111.....	3	Chemistry 121.....	3
English 322.....	3	History 101, 102, 201 or 202 <sup>G</sup> .....	3
	15		15

**Fourth Year**

††Engineering Technology 492.....	3	††Engineering Technology 443.....	3
††Engineering Technology 493.....	3	††Engineering Technology 494.....	3
††Technical Elective I <sup>2</sup> .....	3	††Technical Elective II <sup>2</sup> .....	3
††Industrial Technology 407.....	3	Music, Art, Theatre, or Dance <sup>G</sup> .....	3
Economics 201 or 202 <sup>G</sup> .....	3	Social Science <sup>1,G</sup> .....	3
	<hr/>		<hr/>
	15		15

Total semester hours required

124

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A grade of "C" or better is required in all major courses; and overall GPA of 2.0 is required to graduate.

<sup>1</sup>Economics, Psychology, Anthropology, Sociology, Criminal Justice or Political Science.

<sup>2</sup>Technical electives should be selected by students in consultation with their advisor.

**Curriculum in Engineering Technology  
Leading to the Degree of Bachelor of Science  
Energy Engineering Technology Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Engineering Technology 100.....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 165 <sup>G</sup> .....	3	Mathematics 200 <sup>G</sup> .....	5
English 101 or 121H or 123H <sup>G</sup> .....	3	Physics 191 <sup>G</sup> .....	3
Chemistry 121.....	3	Physics Lab 193.....	1
Southeastern 101.....	2	General Biology 151 <sup>G</sup> .....	3
		Biology Lab 152.....	1
	<hr/>		<hr/>
	14		16

**Second Year**

††Engineering Technology 202.....	3	††Engineering Technology 111.....	3
††Engineering Technology 212.....	3	††Engineering Technology 213.....	3
††Engineering Technology 205.....	3	††Engineering Technology 221.....	3
††Engineering Technology 225.....	3	††Engineering Technology 226.....	3
††Engineering Technology 241.....	3	Physics 192 <sup>G</sup> .....	3
		Physics Lab 194.....	1
	<hr/>		<hr/>
	15		16

**Third Year**

††Engineering Technology 365.....	3	††Engineering Technology 361.....	3
††Engineering Technology 375.....	3	††Engineering Technology 305.....	3
English 322.....	3	††Engineering Technology 363.....	3
Music, Art, Theatre, or Dance <sup>G</sup> .....	3	††OSHE 111.....	3
Economics 201 or 202 <sup>G</sup> .....	3	History 101, 102, 201 or 202 <sup>G</sup> .....	3
		Communication 211 <sup>G</sup> .....	3
	<hr/>		<hr/>
	15		18

**Fourth Year**

††Engineering Technology 431.....	3	††Engineering Technology 494.....	3
††Engineering Technology 433.....	3	††Industrial Technology 407.....	3
††Engineering Technology 492.....	3	††Technical Elective II <sup>2</sup> .....	3
††Engineering Technology 493.....	3	English 230, 231, or 232 <sup>G</sup> .....	3
††Technical Elective I <sup>2</sup> .....	3	Social Science <sup>1,G</sup> .....	3
	<hr/>		<hr/>
	15		15

Total semester hours required

124

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

<sup>††</sup>A grade of "C" or better is required in all major courses; and overall GPA of 2.0 is required to graduate.

<sup>1</sup>Economics, Psychology, Anthropology, Sociology, Criminal Justice or Political Science.

<sup>2</sup>Technical electives should be selected by students in consultation with their advisor.

**Curriculum in Engineering Technology  
Leading to the Degree of Bachelor of Science  
Mechanical Engineering Technology Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Engineering Technology 100.....	3	<sup>††</sup> Engineering Technology 111.....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Math 165 <sup>G</sup> .....	3	Math 200 <sup>G</sup> .....	5
Chemistry 121.....	3	Physics 191 <sup>G</sup> .....	3
Southeastern 101.....	2	Physics Lab 193.....	1
	14		15

**Second Year**

<sup>††</sup> Engineering Technology 205.....	3	<sup>††</sup> Engineering Technology 213.....	3
<sup>††</sup> Engineering Technology 241.....	3	<sup>††</sup> Engineering Technology 271.....	3
<sup>††</sup> Engineering Technology 202.....	3	<sup>††</sup> Engineering Technology 283.....	3
English 230, 231, or 232 <sup>G</sup> .....	3	English 322.....	3
General Biology 151 <sup>G</sup> .....	3	Physics 192 <sup>G</sup> .....	3
Biology Lab 152.....	1	Physics Lab 194.....	1
	16		16

**Third Year**

<sup>††</sup> Engineering Technology 212.....	3	<sup>††</sup> Engineering Technology 305.....	3
<sup>††</sup> Engineering Technology 376.....	3	<sup>††</sup> Engineering Technology 371.....	3
<sup>††</sup> Engineering Technology 375.....	3	<sup>††</sup> Engineering Technology 385.....	3
<sup>††</sup> Engineering Technology 381.....	3	<sup>††</sup> Engineering Technology 478.....	3
Economics 201 or 202 <sup>G</sup> .....	3	<sup>††</sup> Industrial Technology 407.....	3
	15	Communication 211 <sup>G</sup> .....	3
			18

**Fourth Year**

<sup>††</sup> Engineering Technology 386.....	3	<sup>††</sup> Engineering Technology 494.....	3
<sup>††</sup> Engineering Technology 492.....	3	History 101, 102, 210, or 202 <sup>G</sup> .....	3
<sup>††</sup> Engineering Technology 493.....	3	Music, Art, Theatre, or Dance <sup>G</sup> .....	3
<sup>††</sup> Technical Elective I <sup>2</sup> .....	3	Social Science <sup>1,G</sup> .....	3
<sup>††</sup> Occupational Safety 111.....	3	Technical Elective II <sup>2</sup> .....	3
	15		15

**Total semester hours required** **124**

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

<sup>††</sup>A grade of "C" or better is required in all major courses; an overall GPA of 2.0 is required to graduate.

<sup>1</sup>Economics, Psychology, Anthropology, Sociology, Criminal Justice, or Political Science.

<sup>2</sup>Technical electives should be selected by students in consultation with their advisor.

## Industrial Technology

The Industrial Technology program is a management-oriented technical curriculum built upon a balanced program of studies drawn from a variety of disciplines related to manufacturing technology. Included are a sound knowledge and understanding of materials and production processes; principles of distribution and concepts of industrial management and human relations; experiences in communication skills, humanities, and social sciences; and a proficiency level in the physical sciences, mathematics, design, and technical skills to permit the graduate to resolve technical-managerial and manufacturing production problems.

The Industrial Technology graduate is a professional with a broad technical and managerial background. Typically included in this background are a functional knowledge and understanding of materials and production processes; industrial management and human relations; communication skills, the physical sciences, mathematics, and current technical skills to enable the graduate to effectively meet technical, managerial, and industrial requirements.

The Industrial Technology program at Southeastern Louisiana University is accredited by the Association of Technology Management and Applied Engineering (ATMAE), <http://www.atmae.org>.

### Pre-Professional Program: Pre-Architecture

Students should plan to transfer after two years at Southeastern. Typical requirements include mathematics; physics; courses in design; English composition, and speech. Consult advisor, since specific requirements differ widely among schools of architecture.

### Manufacturing Technology Concentrations

Students must elect to study one of the manufacturing technology concentrations: Automated Systems, Drafting/Design, and Supervision. Upon satisfactory completion of the Industrial Technology core curriculum and the concentration area, the student will be awarded a Bachelor of Science degree. Included in this section, are the curriculum sheets for the manufacturing technology concentrations.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minors

In order to minor in Industrial Technology, the student must complete twenty-one (21) semester hours from the following:

IT 111 – Engineering Drafting .....	3 semester hours
IT 112 – Descriptive Geometry .....	3 semester hours
IT 233 – Introduction to Basic Electricity and Electrons .....	3 semester hours
IT 242 – Materials and Processes .....	3 semester hours
IT 264 – Industrial Fluid Power .....	3 semester hours
IT 308 – Production Planning and Control or IT 402 – Industrial Supervision .....	3 semester hours
OSHE 111 – Intro to OSH&E or IT 311 – Industrial Design .....	3 semester hours

## Bachelor's Degree Program in Industrial Technology

A minimum of 36 hours of required IT courses (with one course possibly being OSHE 111), 15 hours of IT Concentration Courses, and an additional 6 hours of IT electives are required for a Bachelor of Science degree in Industrial Technology for a total of 57 hours of Industrial Technology.

### Curriculum in Industrial Technology Leading to the Degree of Bachelor of Science Automated Systems Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Industrial Technology 100 .....	3	††Industrial Technology 112 .....	3
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 162 <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Biological Science <sup>G</sup> .....	4	Chemistry 101 <sup>G</sup> .....	3
††Industrial Technology 111 .....	3	Chemistry Laboratory 103 .....	1
Southeastern 101 .....	2	Computer Science 173 .....	3
	<hr/> 18		<hr/> 16

#### Second Year

††Industrial Technology 242 .....	3	††Industrial Technology 233 .....	3
††Industrial Technology 264 .....	3	††Industrial Technology 256 .....	3
Mathematics 241 .....	3	Communication 211 <sup>G</sup> .....	3
English 230, 231 or 232 <sup>G</sup> .....	3	Computer Science 273 .....	3
Physics 191 .....	3	Physical Science <sup>1,G</sup> .....	4
Physics Lab 193 .....	1		
	<hr/> 16		<hr/> 16

#### Third Year

††Industrial Technology 236 .....	3	Psychology 101 or Sociology 101 <sup>G</sup> .....	3
††Industrial Technology 351 .....	3	††Industrial Technology 322 .....	3
††OSHE 111 .....	3	††Industrial Technology 331 .....	3
††DDT 212 or DDT 316 .....	3	Accounting 200 or Management 351 .....	3
English 322 .....	3	History 101, 102, 201 or 202 <sup>G</sup> .....	3
	<hr/> 15		<hr/> 15

#### Fourth Year

††Industrial Technology 405 .....	3	††Industrial Technology 406 .....	3
††Industrial Technology 442 .....	3	††Industrial Technology 407 .....	3
Arts <sup>2,G</sup> .....	3	††Industrial Technology 444 .....	3
Economics 201 <sup>G</sup> .....	3	††Technical Elective <sup>3</sup> .....	3
	<hr/> 12		<hr/> 12

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A "C" or better must be earned in all major courses.

<sup>1</sup>Select Chemistry 102/104 or Physics 192/194.

<sup>2</sup>Select one course in Art, Dance, Music or Theatre.

<sup>3</sup>Technical electives should be selected by students in consultation with their advisors. Three hours must be selected from Industrial Technology and an additional 3 hours from Computer Science, Engineering Technology, Industrial Technology, Management, Mathematics, or Physical Science. No 100-level course will be accepted without approval of the Department Head.

**Curriculum in Industrial Technology  
Leading to the Degree of Bachelor of Science  
Drafting Design Concentration**

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Industrial Technology 100 .....	3	††Industrial Technology 242 .....	3
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 162 <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Biological Science <sup>G</sup> .....	4	Chemistry 101 <sup>G</sup> .....	3
††Industrial Technology 111 .....	3	Chemistry Laboratory 103 .....	1
Southeastern 101 .....	2	††DDT 113 .....	3
	18		16
<b>Second Year</b>			
††DDT 212 .....	3	††Industrial Technology 264 .....	3
††Computer Science 173 .....	3	††Technical Elective <sup>3</sup> .....	3
Mathematics 241 .....	3	Communication 211 <sup>G</sup> .....	3
English 230, 231 or 232 <sup>G</sup> .....	3	English 322 .....	3
Physics 191 .....	3	Physical Science <sup>1,G</sup> .....	4
Physics Lab 193 .....	1		
	16		16
<b>Third Year</b>			
Economics 201 <sup>G</sup> .....	3	††Industrial Technology 233 .....	3
††OSHE 111 .....	3	††DDT 316 .....	3
††Industrial Technology 256 .....	3	Accounting 200 .....	3
††DDT 211 .....	3	††Industrial Technology 351 .....	3
Psychology 101 or Sociology 101 <sup>G</sup> .....	3	††Technical Elective <sup>3</sup> .....	3
	15		15
<b>Fourth Year</b>			
††Technical Elective <sup>3</sup> .....	3	††DDT 411 .....	3
††Industrial Technology 405 .....	3	††Technical Elective <sup>3</sup> .....	3
Art <sup>2,G</sup> .....	3	††Industrial Technology 406 .....	3
History <sup>G</sup> .....	3	Management 351 .....	3
	12		12
<b>Total semester hours required</b>			<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A "C" or better must be earned in all major courses.

<sup>1</sup>Select Chemistry 102/104 or Physics 192/194.

<sup>2</sup>Select one course in Art, Dance, Music or Theatre.

<sup>3</sup>Design Drafting electives should be selected by students in consultation with their advisors.

**Curriculum in Industrial Technology  
Leading to the Degree of Bachelor of Science  
Supervision Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Industrial Technology 100 .....	3	Computer Science 173 .....	3
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 162 <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Biological Science <sup>G</sup> .....	4	Chemistry 101 <sup>G</sup> .....	3
††Industrial Technology 111 .....	3	Chemistry Laboratory 103 .....	1
Southeastern 101 .....	2	Psychology 101 or Sociology 101 <sup>G</sup> .....	3
	<hr/> 18		<hr/> 16

**Second Year**

††Industrial Technology 242 .....	3	††Industrial Technology 233 .....	3
††Industrial Technology 264 .....	3	††Industrial Technology 256 .....	3
Mathematics 241 .....	3	Communication 211 <sup>G</sup> .....	3
English 230, 231 or 232 <sup>G</sup> .....	3	††Industrial Technology 205 .....	3
Physics 191 .....	3	Physical Science <sup>1,G</sup> .....	4
Physics Lab 193 .....	1		
	<hr/> 16		<hr/> 16

**Third Year**

††Industrial Technology 236 .....	3	††Industrial Technology 322 .....	3
††OSHE 111 .....	3	††Industrial Technology 402 .....	3
††Industrial Technology 351 .....	3	Management 351 .....	3
English 322 .....	3	Accounting 200 .....	3
Economics 201 <sup>G</sup> .....	3	History 101, 102, 201 or 202 <sup>G</sup> .....	3
	<hr/> 15		<hr/> 15

**Fourth Year**

††Engineering Technology 492.....	3	††Industrial Technology 406 .....	3
††Industrial Technology 405 .....	3	††Industrial Technology 308 .....	3
††Industrial Technology 407 .....	3	††Management 473 .....	3
Arts <sup>2,G</sup> .....	3	††Technical Elective <sup>3</sup> .....	3
	<hr/> 12		<hr/> 12

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A "C" or better must be earned in all major courses.

<sup>1</sup>Select Chemistry 102/104 or Physics 192/194.

<sup>2</sup>Select one course in Art, Dance, Music or Theatre

<sup>3</sup>Technical electives should be selected by students in consultation with their advisors. Three hours must be selected from Industrial Technology and an additional 3 hours from Computer Science, Engineering Technology, Industrial Technology, Management, Mathematics, or Physical Science. No 100-level course will be accepted without approval of the Department Head.



## Associate Degree Program in Industrial Technology

The Associate of Applied Science Degree program in the Department of Computer Science and Industrial Technology is designed to enable graduates to enter various fields of industry after completing two years of study. Graduates may also elect to continue their education in the four-year degree Manufacturing Technology Concentrations. Graduates of the two-year curriculum will be awarded the degree of Associate of Applied Science.

### Curriculum in Industrial Technology Leading to the Degree of Associate of Applied Science Construction Technology Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H.....	3
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 162 .....	3
††Industrial Technology 111 .....	3	Computer Science 173.....	3
††OSHE 111.....	3	††Construction Technology 111.....	3
††Construction Technology 101.....	3	††Construction Technology 121 .....	3
Southeastern 101 .....	2	††Technical Elective <sup>2</sup> .....	3
	17		18

#### Second Year

Physics 191 .....	3	Chemistry 101 <sup>G</sup> .....	3
Physics Lab 193 .....	1	Chemistry Lab 103 .....	1
Communication 211 or 215 <sup>G</sup> .....	3	††Industrial Technology 291 or 292 .....	3
Psychology 101 or Sociology 101 <sup>1,G</sup> .....	3	††Technical Elective <sup>2</sup> .....	6
††Construction Technology 201 .....	3	††Construction Technology 271.....	3
††Technical Elective <sup>2</sup> .....	3		
	16		16

Total semester hours required	67
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Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

<sup>††</sup>A "C" or better (2.0 minimum GPA) must be earned in all major courses and professional electives.

<sup>1</sup>Social/Behavioral Sciences course must be selected by students in consultation with their advisors.

<sup>2</sup>Technical electives must be selected by students in consultation with their advisors.

### Curriculum in Industrial Technology Leading to the Degree of Associate of Applied Science Design Drafter Technology Concentration

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H.....	3
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 162 .....	3
††Industrial Technology 100 .....	3	Computer Science 173.....	3
††Industrial Technology 111 .....	3	††Industrial Technology 112.....	3
††OSHE 111.....	3	††DDT 113 .....	3
Southeastern 101 .....	2		
	17		15

#### Second Year

Physics 191 <sup>G</sup> .....	3	Psychology 101 or Sociology 101 <sup>1,G</sup> .....	3
Physics Laboratory 193 .....	1	††Industrial Technology 242 .....	3
Communication 211 or 215 <sup>G</sup> .....	3	††DDT 212 .....	3

††DDT 211 .....	3	††Technical Elective <sup>2</sup> .....	3
††Technical Elective <sup>2</sup> .....	3		
†Industrial Technology 233 .....	3		
	<hr/>		<hr/>
	16		12
<b>Total semester hours required</b>			<b>60</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A "C" or better (2.0 minimum GPA) must be earned in all major courses and professional electives.

<sup>1</sup>Social/Behavioral Sciences course must be selected by students in consultation with their advisors.

<sup>2</sup>Technical electives must be selected by students in consultation with their advisors.

**Curriculum in Industrial Technology  
Leading to the Degree of Associate of Applied Science  
Occupational Safety, Health, and Environment Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H.....	3
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 162 .....	3
††OSHE 111 .....	3	Computer Science 173 .....	3
††OSHE 112 .....	3	††OSHE 121.....	3
General Biology 151 .....	3	††OSHE 141.....	3
Biology 152 .....	1		
Southeastern 101 .....	2		
	<hr/>		<hr/>
	18		15

**Second Year**

Chemistry 101 <sup>G</sup> .....	3	Physics 191 .....	3
Chemistry Lab 103 .....	1	Physics Lab 193 .....	1
Mathematics 241 .....	3	Communication 211.....	3
Psychology 101 <sup>G</sup> .....	3	††OSHE 231 .....	3
††OSHE 251 .....	3	††OSHE 242 .....	3
		††OSHE 261.....	3
	<hr/>		<hr/>
	13		16
<b>Total semester hours required</b>			<b>62</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

††A "C" or better (2.0 minimum GPA) must be earned in all major courses and professional electives.

**Curriculum in Industrial Technology  
Leading to the Degree of Associate of Applied Science  
Supervision Concentration**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H.....	3
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 162 .....	3
††Industrial Technology 100 .....	3	Computer Science 173 .....	3
††Industrial Technology 111 .....	3	††Industrial Technology 112 .....	3
††OSHE 111.....	3	††Industrial Technology 242 .....	3
Southeastern 101 .....	2		
	<hr/>		<hr/>
	17		15

**Second Year**

Physics 191 <sup>G</sup> .....	3	††Industrial Technology 264 .....	3
Physics Laboratory 193 .....	1	††Psychology 101 or Sociology 101 <sup>1,G</sup> .....	3
Communication 211 or 215 <sup>G</sup> .....	3	††Industrial Technology 205 .....	3
††Industrial Technology 233 .....	3	††OSHE 121 .....	3
††Industrial Technology 256 .....	3		
††Industrial Technology 202 .....	3		
	16		12

Total semester hours required 60

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of electives.

<sup>G</sup>General Education Courses

<sup>††</sup>A "C" or better (2.0 minimum GPA) must be earned in all major courses and professional electives.

<sup>1</sup>Social/Behavioral Sciences course must be selected by students in consultation with their advisors.

## Occupational Safety, Health, and Environment

The Bachelor of Science in Occupational Safety, Health, and Environment (OSH&E) program is designed to provide an academically comprehensive curriculum that prepares graduates with the ability and competency to become highly qualified safety, industrial hygiene, and environmental professionals. The OSH&E program is accredited by the Applied Natural Science Accreditation Commission of ABET, <http://www.abet.org>.

### Typical Elements

The OSH&E program prepares students to succeed as occupational safety, health, and environment professionals with a broad technical and managerial background. Typically included in this background are a functional knowledge and understanding of safety, health, and environment fundamentals; legal aspects of safety, health, and environmental practices; interactions of physical, chemical, biological, and ergonomic agents, factors, and/or stressors on the human body; basic principles of fire prevention and protection in the workplace; industrial and construction safety throughout work processes; industrial management and human relations; communication skills, mathematics, sciences, and statistics; and practical skills of basic laboratory techniques associated with industrial hygiene and basic sciences; fundamental exposure assessment sampling techniques; pollution fundamentals and control techniques; accident/incident investigation and analysis; measurement of safety performance; safety, health, and environment program management; performance of education and training for safety.

### Minors

#### **OSH&E Safety**

The minor in OSH&E – Safety consists of the following eighteen credit hours (six courses) of coursework on OSH&E: OSHE 111, 112 or 121, 231, 261, 311 or 322 or 323 or 381 or 382, and 421 or 424.

#### **OSH&E – Health**

The minor in OSH&E - Health consists of the following eighteen credit hours (six courses) of coursework in OSH&E: OSHE 111, 141, 242, 322, 341, and 441.

#### **OSH&E – Environment**

The minor in OSH&E - Environment consists of the following eighteen credit hours (six courses) of coursework in OSH&E: OSHE 111, 141, 251, 341, 451, and 452.

**Curriculum in Occupational Safety, Health, and Environment  
Leading to the Degree of Bachelor of Science**

<b>First Year</b>			
FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
English 101 or 121H or 123H <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Mathematics 151/161 <sup>G</sup> .....	3	Mathematics 162 <sup>G</sup> .....	3
††OSHE 111.....	3	Computer Science 173.....	3
††OSHE 112.....	3	††OSHE 121.....	3
General Biology 151 <sup>G</sup> .....	3	††OSHE 141.....	3
Biology Lab 152.....	1		
Southeastern 101.....	2		
	18		15
<b>Second Year</b>			
Chemistry 101 <sup>G</sup> .....	3	Physics 191.....	3
Chemistry Lab 103.....	1	Physics Lab 193.....	1
Mathematics 241.....	3	Communication 211 <sup>G</sup> .....	3
Psychology 101 <sup>G</sup> .....	3	††OSHE 231.....	3
††OSHE 251.....	3	††OSHE 242.....	3
		††OSHE 261.....	3
	13		16
<b>Third Year</b>			
Chemistry 102 <sup>G</sup> .....	3	Chemistry 261.....	3
Chemistry Lab 104.....	1	History 101 or 102 or 201 or 202 <sup>G</sup> .....	3
English 230 or 231 or 232 <sup>G</sup> .....	3	Economics 201 <sup>G</sup> .....	3
ZOO 241 or ZOO 250 and ZOOL 252.....	4	English 322.....	3
††OSHE 381.....	3	††OSHE 341.....	3
	14		15
<b>Fourth Year</b>			
††OSHE 424.....	3	††OSHE 382.....	3
††OSHE 452.....	3	††OSHE 421.....	3
Management 351.....	3	††OSHE 391 or IT 492H.....	3
Arts Elective <sup>1,G</sup> .....	3	††Professional Elective <sup>2</sup> .....	3
††Professional Elective <sup>2</sup> .....	3	††Professional Elective <sup>2</sup> .....	2
	15		14
<b>Total semester hours required</b>			<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of professional electives.

<sup>G</sup>General Education Courses

<sup>1</sup>A "C" or better (2.0 minimum GPA) must be earned in all major courses and professional electives.

<sup>1</sup>Social/Behavioral Sciences course must be selected by students in consultation with their advisors.

<sup>2</sup>Professional electives must be selected by students in consultation with their advisors.

## Department of Mathematics

Timothy Hudson, *Department Head*

The Department of Mathematics offers credit examinations for Math 161, Math 162, Math 163, and Math 165. Students may take a credit exam for a particular course only once. For more information on credit exams, students should contact the Department of Mathematics.

In order to graduate with a major in mathematics, a student must have a grade of “C” or better in all mathematics courses taken.

### Placement in Mathematics

Since the Department of Mathematics uses the ACT Mathematics score for initial placement of students into their first mathematics courses, we must have their official ACT scores entered into Southeastern’s computer system before students can register for mathematics courses. Our placement procedure is outlined below:

1. A student whose ACT mathematics score is 18 is required to concurrently enroll in MATH 92 and MATH 105.
2. Placement of beginning freshman according to the ACT mathematics score:
  - **MATH 92:** ACT mathematics score of 18. (must be taken concurrently with MATH 105). Credit for MATH 92 does not count toward graduation
  - **MATH 105:** ACT mathematics score of 19 or higher.
  - **MATH 151:** ACT mathematics score of 19 or higher.
  - **MATH 161:** ACT mathematics score of 21 or higher.
  - **MATH 165:** ACT mathematics score of 25 or higher.
  - **MATH 200:** ACT mathematics score of 28 or higher.
3. Advanced Placement Policies:
  - a. A student whose ACT Mathematics score is 28 or above is eligible to enroll directly in MATH 162, 163, 165, 177, or 241 depending upon their choice of major. Upon completion of MATH 162, 163, 165, 177, or 241 with the grade of “C” or better in the first attempt, the student will receive the grade “P” in MATH 161, with 3 credit hours.
  - b. A student whose ACT Mathematics score is 28 or above is eligible to enroll directly in MATH 200. Upon completion of MATH 200 with a grade of “C” or better in the first attempt, the student will receive the grade “P” in MATH 165, with 3 credit hours.
  - c. A student who earns credit in MATH 163, 200, or 241 via the AP, Cambridge International, or International Baccalaureate Calculus or Statistics exams will receive the grade of “P” in MATH 161, with 3 credit hours.
  - d. Students who transfer in a mathematics course at the level of trigonometry-based calculus or above with a grade of “C” or better will receive a grade of “P” for Math 161, with 3 credit hours.

### Progression Policy

Students pursuing the degree of Bachelor of Science in Mathematics must meet both of the following progression standards:

1. Students may not repeat any of the following courses more than once: MATH 200, MATH 201, MATH 312, or MATH 223.
2. Students must successfully complete MATH 200 with a grade of “C” or better by the end of the 4<sup>th</sup> regular semester following the declaration of a major in mathematics.

Students with exceptional circumstances must have an alternative progression plan approved by the Department Head. Students who do not meet these standards will not be allowed to continue in the Mathematics major.

### Major in Mathematics

Majors in Mathematics in the College of Science and Technology must complete a minimum of forty-three (43) semester hours.

### Honors Diploma in the Discipline

For information on earning Sophomore Honors Distinction, Upper Division Honors Distinction, or the Honors Diploma, please consult The University Honors Program section of this catalogue, the Director of the Honors Program, and/or your Department Head.

### Minors

In order to minor in Mathematics, the student must complete a minimum of twenty-two semester hours. These hours are:

Math 200 .....	5 hours
Math 201 .....	5 hours
Math 223 .....	3 hours
Math 312 .....	3 hours
Math 309, 350, 360, 370 or 400 level Math courses (Choose 2) <sup>1</sup> .....	6 hours

<sup>1</sup>Math Math 467 and 485 may not be used to satisfy this requirement

### Curriculum in Mathematics Leading to the Degree of Bachelor of Science Concentration in Business/Actuarial Science

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Mathematics 200 or 200H <sup>G</sup> .....	5	<sup>††</sup> Mathematics 201 <sup>G</sup> .....	5
Chemistry 121 <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Chemistry Laboratory 123 .....	1	Communication 211 or 211H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Biological Science 151 or 151H <sup>G</sup> .....	3
Computer Science 161 .....	3	Biological Science Laboratory 152.....	1
Southeastern 101 .....	2		
	17		15

#### Second Year

<sup>††</sup> Mathematics 223 .....	3	<sup>††</sup> Mathematics 350 .....	3
<sup>††</sup> Mathematics 312 .....	3	<sup>††</sup> Mathematics 360.....	3
History Elective <sup>G</sup> .....	3	Computer Science 280 .....	3
Foreign Language 101 .....	3	Foreign Language 102 .....	3
English 230, 231, 232, 210H, 291H, or 293H <sup>G</sup> ..	3	Art Elective <sup>1,G</sup> .....	3
	15		15

#### Third Year

<sup>††</sup> Mathematics 370 .....	3	<sup>††</sup> Mathematics Elective (400 level) <sup>3</sup> .....	3
Physics 221 .....	3	<sup>††</sup> Mathematics 380.....	3
Physics Laboratory 223 .....	1	History Elective.....	3
<sup>††</sup> CMPS (300 or 400) or MATH (400) Elective <sup>3,3</sup>	3	Science <sup>2,G</sup> .....	4
Social Science Elective <sup>4,G</sup> .....	3	Kinesiology Laboratory .....	1
ACCT 200 .....	3		
	16		14

#### Fourth Year

<sup>††</sup> Mathematics 402 .....	3	<sup>††</sup> Mathematics 441 .....	3
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††Mathematics 417 .....	3	††Mathematics Elective (400 level) <sup>3</sup> .....	3
Economics 202 <sup>G</sup> .....	3	Concentration Electives <sup>5</sup> .....	6
Finance 381 .....	3	Kinesiology Laboratory .....	1
Concentration Elective <sup>5</sup> .....	3		
	<hr/>		<hr/>
	15		13
<b>Total semester hours required</b>			<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

††Major course; grade of "C" or better required.

<sup>1</sup>To be taken from Art, Music, Dance, or Theatre.

<sup>2</sup>Must complete a one-year sequence by taking Biology 153/154, Chemistry 122/124, or Physics 222/224.

<sup>3</sup>Math 467, 485, and 486 may not be used to satisfy this requirement.

<sup>4</sup>Select from the disciplines of Geography, Anthropology, Criminal Justice, Political Science, Psychology, or Sociology.

<sup>5</sup>Must choose nine hours from BLAW 231, ECON 201, FIN 382, FIN 383, FIN 384, MGMT 351, MRKT 303, or OMIS 430.

### Curriculum in Mathematics Leading to the Degree of Bachelor of Science Concentration in Industrial Mathematics

#### First Year

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
††Mathematics 200 or 200H <sup>G</sup> .....	5	††Mathematics 201 <sup>G</sup> .....	5
Chemistry 121 <sup>G</sup> .....	3	English 102 or 122H or 124H <sup>G</sup> .....	3
Chemistry Laboratory 123 .....	1	Communication 211 or 211H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	3	Biological Science 151 or 151H <sup>G</sup> .....	3
Computer Science 161 .....	3	Biological Science Laboratory 152 .....	1
Southeastern 101 .....	2		
	<hr/>		<hr/>
	17		15

#### Second Year

††Mathematics 223 .....	3	††Mathematics 350 .....	3
††Mathematics 312 .....	3	††Mathematics 360 .....	3
History Elective <sup>G</sup> .....	3	Computer Science 280 .....	3
Foreign Language 101 .....	3	Foreign Language 102 .....	3
English 230, 231, 232, 210H, 291H, or 293H <sup>G</sup> ..	3	Art Elective <sup>1,G</sup> .....	3
	<hr/>		<hr/>
	15		15

#### Third Year

††Mathematics 370 .....	3	††Mathematics 402 or 409 .....	3
Physics 221 .....	3	††Mathematics 380 .....	3
Physics Laboratory 223 .....	1	Concentration Elective <sup>5</sup> .....	3
Concentration Electives <sup>5</sup> .....	6	Science <sup>2,G</sup> .....	4
ET 390 .....	3	Kinesiology Laboratory .....	1
	<hr/>		<hr/>
	16		14

#### Fourth Year

††Mathematics 417 .....	3	††Mathematics 441 .....	3
††Mathematics Elective (400 level) <sup>3</sup> .....	3	††Mathematics Elective (400 level) <sup>3</sup> .....	3
Economics 102, 201, or 202 <sup>G</sup> .....	3	Concentration Elective <sup>5</sup> .....	3
Concentration Elective <sup>5</sup> .....	3	Social Science Elective <sup>4,G</sup> .....	3
History Elective .....	3	Kinesiology Laboratory .....	1
	<hr/>		<hr/>
	15		13

<b>Total semester hours required</b>			<b>120</b>
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Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>Major course; grade of "C" or better required.

<sup>†</sup>To be taken from Art, Music, Dance, or Theatre.

<sup>‡</sup>Must complete a one-year sequence by taking Biology 153/154, Chemistry 122/124, or Physics 222/224.

<sup>³</sup>Math 467, 485, and 486 may not be used to satisfy this requirement.

<sup>⁴</sup>Select from the disciplines of Geography, Anthropology, Criminal Justice, Political Science, Psychology, or Sociology.

<sup>⁵</sup>Must choose nine hours from Engineering Technology (ET) courses: ET 361, 371, 375, 410, 425, 433, 435, 436.

**Curriculum in Mathematics  
Leading to the Degree of Bachelor of Science  
Concentration in Mathematics Education**

**First Year**

FIRST SEMESTER	S.H.	SECOND SEMESTER	S.H.
<sup>††</sup> Mathematics 200 or 200H <sup>1,G</sup> .....	5	<sup>††</sup> Mathematics 201 <sup>G</sup> .....	5
English 101 or 121H or 123H <sup>G</sup> .....	3	Communication 210 <sup>G</sup> .....	3
Southeastern 101 .....	2	<sup>††</sup> English 102 or 122H or 124H <sup>G</sup> .....	3
Fine Arts <sup>2,G</sup> .....	3	Biological or Physical Science <sup>4,G</sup> .....	4
Biological Science 151 <sup>G</sup> .....	3	Psychology 101 <sup>G</sup> .....	3
Biological Science Laboratory 152 .....	1		
	17		18

**Second Year**

<sup>††</sup> Mathematics 223 .....	3	<sup>††</sup> Mathematics 309.....	3
<sup>††</sup> Mathematics 312.....	3	<sup>††</sup> Mathematics 360.....	3
English 230, 231, or 232 <sup>G</sup> .....	3	Physical Science <sup>3,G</sup> .....	4
History 201 or 202 <sup>G</sup> .....	3	<sup>††</sup> Education 407.....	3
<sup>†††</sup> Education 202.....	3	Political Science 201 <sup>G</sup> .....	3
<sup>††</sup> Special Education 200 .....	3		
	18		16

**Third Year**

<sup>††</sup> Mathematics 311 .....	3	<sup>††</sup> Mathematics 425 .....	3
<sup>††</sup> Mathematics 370 .....	3	<sup>†</sup> Mathematics Elective (400 level) <sup>5</sup> .....	3
<sup>††</sup> Mathematics 380 .....	3	<sup>†</sup> Mathematics Elective (400 level) <sup>5</sup> .....	3
<sup>††</sup> Mathematics 486.....	3	<sup>††</sup> Education 472 .....	3
<sup>††</sup> Education 316.....	3	Elective.....	3
	15		15

**Fourth Year**

<sup>††</sup> Mathematics Education 386.....	3	Education 486 .....	9
<sup>††</sup> Education 485.....	3		
<sup>††</sup> Education 453.....	6		
	12		9

Total semester hours required 120

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>Student must make a grade of "C" or better.

<sup>†††</sup>Student must make a grade of "B" or better.

<sup>¹</sup>For placement in Mathematics 200, see Mathematics Placement in this catalogue.

<sup>²</sup>To be taken from Visual Art, Music, Dance, or Theatre.

<sup>³</sup>Must be taken from Chemistry 121/123 or Physics 221/223.

<sup>⁴</sup>Must complete a one year science sequence by taking Biological Sciences 153/154, Chemistry 122/124, or Physics 222/224.

<sup>⁵</sup>Math 467 or 485 may not be used to satisfy this requirement.



**Curriculum in Mathematics  
Leading to the Degree of Bachelor of Science  
Concentration in Pure Mathematics**

<b>First Year</b>		S.H.
<b>FIRST SEMESTER</b>	<b>SECOND SEMESTER</b>	<b>S.H.</b>
††Mathematics 200 or 200H <sup>G</sup> .....	††Mathematics 201 <sup>G</sup> .....	5
Chemistry 121 <sup>G</sup> .....	English 102 or 122H or 124H <sup>G</sup> .....	3
Chemistry Laboratory 123 .....	Communication 211 or 211H <sup>G</sup> .....	3
English 101 or 121H or 123H <sup>G</sup> .....	Biological Science 151 or 151H <sup>G</sup> .....	3
Computer Science 161 .....	Biological Science Laboratory 152.....	1
Southeastern 101 .....		
17		15
<b>Second Year</b>		
††Mathematics 223 .....	††Mathematics 350 .....	3
††Mathematics 312 .....	††Mathematics 360.....	3
History Elective <sup>G</sup> .....	Computer Science 280 .....	3
Foreign Language 101 .....	Foreign Language 102 .....	3
English 230, 231, 232, 210H, 291H, or 293H <sup>G</sup> ..	Art Elective <sup>1,G</sup> .....	3
15		15
<b>Third Year</b>		
††Mathematics 370 .....	††Mathematics Elective (400 level) <sup>3</sup> .....	3
Physics 221 .....	††Mathematics 380.....	3
Physics Laboratory 223 .....	History Elective.....	3
††CMPS (300 or 400) or MATH (400) Elective <sup>3</sup> ..	Science <sup>2,G</sup> .....	4
Social Science Elective <sup>5,G</sup> .....	Kinesiology Laboratory .....	1
Elective .....		
16		14
<b>Fourth Year</b>		
††Mathematics 417 .....	††Mathematics 441 .....	3
††Mathematics Elective (400 level) <sup>3</sup> .....	††Mathematics Elective (400 level) <sup>3</sup> .....	3
Economics 102, 201, or 202 <sup>G</sup> .....	Electives.....	6
Science Elective <sup>4</sup> .....	Kinesiology Laboratory .....	1
Elective .....		
15		13
<b>Total semester hours required</b>		<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>Major course; grade of "C" or better required.

<sup>1</sup>To be taken from Art, Music, Dance, or Theatre.

<sup>2</sup>Must complete a one-year sequence by taking Biology 153/154, Chemistry 122/124, or Physics 222/224.

<sup>3</sup>Math 467, 485, and 486 may not be used to satisfy this requirement.

<sup>4</sup>Choose from GBIO 153, CHEM 122, PHYS 222 (to complete a second science lecture sequence), or any 200-, 300-, or 400-level course in Botany, General Biology, Microbiology, Zoology, Chemistry, or Physics.

<sup>5</sup>Select from the disciplines of Geography, Anthropology, Criminal Justice, Political Science, or Sociology.

**Curriculum in Mathematics  
Leading to the Degree of Bachelor of Science  
Concentration in Scientific Computing**

<b>First Year</b>		S.H.
FIRST SEMESTER	SECOND SEMESTER	S.H.
††Mathematics 200 or 200H <sup>G</sup> .....	††Mathematics 201 <sup>G</sup> .....	5
Chemistry 121 <sup>G</sup> .....	English 102 or 122H or 124H <sup>G</sup> .....	3
Chemistry Laboratory 123 .....	Computer Science 280 .....	3
English 101 or 121H or 123H <sup>G</sup> .....	Biological Science 151 or 151H <sup>G</sup> .....	3
Computer Science 161 .....	Biological Science Laboratory 152 .....	1
Southeastern 101 .....		2
	<hr style="width: 100%;"/>	17
		<hr style="width: 100%;"/>
		15
<b>Second Year</b>		
††Mathematics 223 .....	††Mathematics 350 .....	3
††Mathematics 312 .....	††Mathematics 360 .....	3
Computer Science 285 .....	Computer Science 315 .....	3
English 230, 231, 232, 210H, 291H, or 293H <sup>G</sup> ..	Communication 211 or 211H <sup>G</sup> .....	3
English 322 .....	Art Elective <sup>1,G</sup> .....	3
	<hr style="width: 100%;"/>	15
		<hr style="width: 100%;"/>
		15
<b>Third Year</b>		
††Mathematics 370 .....	††Mathematics Elective (400 level) <sup>3</sup> .....	3
Computer Science 390 .....	††Mathematics 380 .....	3
Physics 221 .....	Computer Science 479 .....	3
Physics Laboratory 223 .....	Science <sup>2,G</sup> .....	4
History Elective <sup>G</sup> .....	Kinesiology Laboratory .....	1
Elective .....		3
	<hr style="width: 100%;"/>	16
		<hr style="width: 100%;"/>
		14
<b>Fourth Year</b>		
††Mathematics 417 .....	††Mathematics 441 .....	3
††Mathematics 392 .....	††Mathematics Elective (400 level) <sup>3</sup> .....	3
Economics 102, 201, or 202 <sup>G</sup> .....	Concentration Elective <sup>4</sup> .....	3
Concentration Elective <sup>4</sup> .....	Social Science Elective <sup>5,G</sup> .....	3
Elective .....	Kinesiology Laboratory .....	1
	<hr style="width: 100%;"/>	15
		<hr style="width: 100%;"/>
		13
<b>Total semester hours required</b>		<b>120</b>

Southeastern 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students will replace Southeastern 101 with 2 hours of free electives.

<sup>G</sup>General Education Courses

<sup>††</sup>Major course; grade of "C" or better required.

<sup>1</sup>To be taken from Art, Music, Dance, or Theatre.

<sup>2</sup>Must complete a one-year sequence by taking Biology 153/154, Chemistry 122/124, or Physics 222/224.

<sup>3</sup>Math 467, 485, and 486 may not be used to satisfy this requirement.

<sup>4</sup>Must choose from CMPS 339, 401, 434, 443, 451, 458, 470, or MATH 409 or 410.

<sup>5</sup>Select from the disciplines of Geography, Anthropology, Criminal Justice, Political Science, or Sociology.

# The University Honors Program

Claire Procopio, *Director*

The Honors Program at Southeastern is designed to prepare students to know and understand the most significant ideas, deeds, and events that have shaped our world and will shape the future; to have confidence in their abilities to think independently, write clearly, and speak effectively; and to be leaders in their communities and professions. It aims to prepare responsible individuals to be perpetual learners who realize their potential for a fully human, ethical, and prosperous life.

The Honors experience at Southeastern, as many of our alumni have testified, can make a profound difference in the value and effect of one's undergraduate education by broadening perspectives on the world and strengthening credentials for graduate, law, and medical schools and careers in education, government, business, research, and the health fields.

The Program provides highly motivated students a strong foundation in education and career preparation. In small classes, students enjoy conditions for learning at the peak of their abilities. The Honors curriculum characterized by comprehensive and in-depth coverage of the material in a learning community environment, facilitates discussion, debate, and intellectual friendship among students and with their professors. Rounding out the benefits of Honors education at Southeastern are priority registration, travel opportunities, extracurricular events and lectures, Honors residential accommodations, membership in the Honors Club, Honors academic credit shown on the transcript, the opportunity to earn a Sophomore Honors Distinction Award and notation on the transcript, the opportunity to earn an Upper Division Honors Distinction Award and notation on the transcript, and the ability to participate in the Senior Thesis process to earn the Honors Diploma.

**Admission Requirements:** A composite score of 24 or higher on the ACT and a minimum 3.0 high school GPA qualify an entering freshman to join; a cumulative GPA of 3.0 or higher in 12 or more hours of university credit qualifies an advanced student to join. For advising regarding Honors Program requirements, a transfer student should meet with the Honors Director.

Freshman Honors Program students whose GPA at the end of their first semester is between 2.73 and 3.0 are allowed one probation semester in which they must establish a minimum 3.0 cumulative GPA to continue in the Program. Honors active status is not granted automatically but depends on the student's submitting an application to the Honors Program office, which serves as an advising center for students pursuing an Honors diploma. Each college may have special criteria for accepting students into its upper-division Honors curricula.

## Recognition Requirements:

*Sophomore Honors Distinction:* Recognition includes a notation on the transcript and a certificate awarded after the end of the fourth regular semester in college (does not count advanced placement or dual enrollment semesters):

- Completion of 15 hours of 100- and/or 200-level Honors credits chosen from at least three disciplines by the end of the fourth regular college semester with no grade lower than a "B" in any Honors course, and
- A minimum of 3.0 cumulative GPA.

*Upper Division Honors Distinction:* Students receiving this distinction will receive recognition at the Honors Recognition Ceremony and on their transcripts. Students working toward upper division honors distinction are expected to indicate their intention to the Honors Director during the first semester of the junior year (sooner if pursuing early graduation) for additional information on requirements including the following:

- Completion of upper division readiness program designed to expose students to the concept of the senior thesis and lay the groundwork for senior research later,
- Completion of nine hours of upper-level Honors coursework including at least three (3) hours of 300- or 400-level HONR credit, and
- A minimum 3.2 cumulative GPA.

Honors Diploma

- Completion of 15 hours of 100- and/or 200-level Honors credits chosen from at least three disciplines;
- Completion of 9 hours of upper-level Honors coursework;
- Completion of a Senior Thesis following Senior Thesis guidelines, and
- A minimum 3.0 cumulative GPA.

## The Path to the Honors Diploma

To earn the University Honors Diploma, a student must successfully complete the following requirements:

1. Required Honors Freshman and Sophomore Coursework (15 hours)
  - 15 hours of freshman and/or sophomore Honors credit chosen from at least three academic disciplines.
2. Upper-level Honors Coursework (9 hours) chosen from any combination of the following:
  - 300- or 400-level HONR course(s)
  - 300- or 400-level H course(s) in the major
  - H-option of course(s) in the major
  - Up to 3 hours of university-sponsored Study Abroad
3. Senior Thesis
  - Thesis criteria available from the Honors Office, include a significant research or creative endeavor and an oral presentation of the project
  - Students enroll in HONR 300 (1 hour) the semester they will complete and present the senior thesis

## Honors Courses

**Required Honors Freshman and Sophomore Coursework:** The foundation of the Honors experience takes place in the freshman and sophomore years when students work to complete at least 15 hours of Honors 100- and/or 200-level Honors coursework chosen from at least three academic disciplines. This shared academic experience helps to create a vital academic community among Honors students. They share their ideas beyond the classroom, whether over coffee or in the dorm, and extend their intellectual friendships from semester to semester. Students are encouraged to take Honors courses beyond the 15-hour minimum to satisfy additional General Education and Major requirements as appropriate.

**Upper-level HONR Courses:** These courses offer students an opportunity to study topics outside the standard curriculum. The courses are designed to deepen a student's knowledge about particular intellectual issues and to demonstrate the interconnectedness of academic disciplines. Topics are considered from the perspectives of the pure and applied sciences, the social and behavioral sciences, the arts and humanities, and business and finance.

**H-Courses in the Major:** Many programs have coursework specifically designated for juniors and seniors in their majors. Students should consult the schedule of classes, the catalogue, and the major department for additional information.

**Honors Options:** By completing an Honors Option contract (H-Option) in a course, a student may earn Honors credit in a regular class. The student must contract with the professor to complete additional and/or more-in-depth assignments. Upon completion, the student earns Honors credit that can be used to partially satisfy the requirements for the Honors Diploma. Contact the Honors Office for more information on the H-Option process.

## Senior Thesis

The Honors diploma requires a senior thesis be done in the college in which a student majors. Under the direction of a faculty member from their major, each Honors student pursuing the Honors diploma selects a topic in the major, plans and completes a research project or creative endeavor, and presents the results in the form of a senior thesis. Credit for a senior thesis is approved by the Director of the Honors Program and overseen by enrollment in HONR 300 (1 hour). If a college or department does not designate a particular numbered course in which to do the senior thesis project, its students may select an appropriate 300-400 level course in the student's major.

### Honors Research Scholars and Honors Creative Scholars

Honors Research Scholars or Honors Creative Scholars will complete a research/creative experience of at least two-semester under the supervision of a faculty mentor in their discipline. The research/creative experience should culminate in a written thesis, publication, or other scholarly/creative product. The objective of the program is to involve highly motivated undergraduate students in an in-depth research/creative project that simulates the "graduate student" experience, to expose the student to the discipline appropriate academic research and publication environment or creative process, and to introduce the student to the scholarly/creative community.

#### Eligibility:

- Students must have completed at least 30 hours of undergraduate work.
- Have at least two semesters remaining before graduation.
- Have at least a 3.0 GPA.
- Have identified a faculty member who is willing to mentor the student in his/her research/creative experience.
- Submit an application for the Honors Research or Creative Scholars program to the Honors Office.

Once accepted into the program, students must:

- Actively participate in an independent research/creative project under the guidance of their faculty mentor. The research/creative experience should last at least two semesters and must consist of work not required for the undergraduate degree.
- Produce an undergraduate thesis, refereed publication, exhibit, performance, or other scholarly product approved by the faculty mentor with the Honors Office. Students are strongly encouraged to submit written work for publication in an appropriate academic journal.
- Publicly present their results to the campus community at a department forum or public symposium such as the annual College Honors Convocations.

Interested students should contact the Honors Office for more details.

## Graduate Studies

John Boulahanis, *Director of Graduate Studies and Institutional Effectiveness*

### Initial Statement of Purpose

Graduate Studies promotes the professional competency of persons in schools, industry, and business, and prepares individuals to pursue further graduate education. Graduate degree programs are offered in the Colleges of Arts, Humanities and Social Sciences, Business, Education, Nursing and Health Sciences, and Science and Technology. Graduate Studies provides opportunities for students to:

1. Develop methods of scholarly research.
2. Improve competency in certain areas of specialization.
3. Develop a broader understanding of human knowledge.
4. Provide professional services and leadership for communities, school systems, and other organizations.
5. Prepare for advanced graduate studies.

### Degrees

- The Master of Arts is granted in English, History, Organizational Communication, and Psychology
- The Master of Arts in Teaching is granted in Elementary Education Grades 1-5 and Early Intervention
- The Master of Business Administration is granted in Business Administration
- The Master of Education is granted in Curriculum and Instruction, Educational Leadership, and Special Education
- The Master of Music
- The Master of Science is granted in Biology, Communication Sciences and Disorders, Counseling, Health and Kinesiology, Integrated Science and Technology, and Applied Sociology
- The Master of Science in Nursing
- The Doctor of Education is granted in Educational Leadership
- The Doctor of Nursing Practice is granted by the School of Nursing

### Admission to Graduate Studies

The University Admissions Office receives and processes all applications for Graduate Studies. The following points apply to all applicants regarding admission to a graduate degree program.

- Admission decisions are based on a variety of factors such as past academic performance and standardized test scores. In some cases, degree programs may have additional requirements such as a statement of purpose by the applicant or a restriction on the number of students that can be admitted based on accrediting agency requirements.
- Meeting the requirements for admission does not guarantee admission, only eligibility.
- An applicant is admitted to Graduate Studies upon acceptance and admission into a specific graduate degree program.
- Only those applicants who demonstrate the potential to successfully complete a degree program are admitted.
- The graduate coordinator of each program is authorized to determine if admission to the graduate program will be recommended.
- Only a written notice of admission is valid proof of admission.
- Admission is valid for the semester for which it is awarded. Deferment to the next semester requires written approval from the program graduate coordinator.
- A non-refundable application fee is required of all applicants.

Admission to Southeastern Louisiana University for graduate study is open to qualified students regardless of race, creed, color, natural origin, handicap, sex, or veteran status. To be considered for admission, all supporting materials should be in the Office of Admissions based on the schedule provided in the Application Procedures section of this publication.

## Admission Procedure

An applicant for admission to Graduate Studies must submit a completed application, completed immunization form, non-refundable fee, official copies of all transcripts, official copies of the required standardized test scores, and all other required paperwork, to the Admissions Office prior to the established deadlines.

Individual departments may have their own deadline dates and standards for admission. These standards incorporate both qualitative and quantitative criteria more specific than those established by the University. Only individual program graduate coordinators/directors or graduate faculty advisors may recommend the admission of applicants into specific graduate degree programs. To be admitted to Graduate Studies, an applicant must meet the general University requirements and specific program/departmental requirements for which the applicant is applying. Admission to Graduate Studies is granted upon admission to a specific degree program or other graduate non-degree classification.

The categories of admission to Graduate Studies are Degree Status (Regular, Contingent, or Provisional) and Non-Degree Status (Classified or Unclassified). Individuals seeking admission to a degree program or non-degree status must have a bachelor's degree from an institution of higher education recognized by a regional accrediting agency.

Students seeking the Doctor of Education degree must comply with all admissions criteria listed under that degree in the catalogue and on the website of the department of Educational Leadership and Technology and in the "Doctoral Candidate Handbook" for the Consortium.

## Admission Classifications

### Degree Status

Degree Status includes all graduate students intending to pursue a graduate degree. The listing of regular, provisional, and contingent admission status does not mean that all programs admit students in each of the classifications.

A bachelor's degree is required of any individual admitted for graduate study.

### Regular Admission

Graduate programs may prescribe requirements for regular admission in addition to those described below. In addition to holding an undergraduate degree, an applicant who receives regular admission status must satisfy one of the following minimum graduate admissions requirements based on the level of work completed at the time of the application and program/degree specific admission requirements.

1. 2.5 GPA on the undergraduate degree, or
2. 2.75 GPA on approximately 60-70 semester hours or 90-100 quarter hours of upper level undergraduate academic course work earned during the last half of the degree, or
3. 2.75 GPA on 30 or more semester hours undergraduate credit after earning the first bachelor's degree, or
4. 2.75 GPA on approximately 60-70 semester hours or 90-100 quarter hours of undergraduate academic course work earned during the last half of the degree and a 3.0 GPA on fewer than 24 hours graduate course work, or
5. 3.0 GPA on 24 or more graduate hours, or
6. An earned master's degree or higher level degree, and
7. Earned satisfactory scores on the standardized tests required by the individual degree program, and

8. Be in satisfactory academic standing at the last institution attended.

An applicant not satisfying the academic standards by not having the minimum GPA noted above may be admitted to a degree program as a provisional student if recommended by the graduate coordinator of the academic unit offering the degree program.

A student in a Regular admission status is eligible for a graduate assistantship.

### **Provisional Admission**

The University offers provisional admission status to students who do not meet the one of the academic standards noted under regular admission. Some graduate degree programs do not admit students with provisional status; therefore, a student must check the specific program requirements. A student admitted in provision status must advance to regular status as prescribed below.

A student admitted to provisional status is eligible (not guaranteed) for advancement to regular status after receiving a 3.0 GPA on the first nine hours of regular graduate level courses taken during the first semester at Southeastern Louisiana University. Part-time students will be allowed a maximum of 12 consecutive months in provisional status in order to complete the required nine hours with a 3.0 GPA in all courses taken while in provisional status. A student must be continuously enrolled to achieve the nine hour requirement. Graduate programs will specify for each student admitted in provisional status the academic requirements that must be met to advance to regular status. Once the required nine hours is met an admission decision will be made. Neither transfer credits nor credits earned while in Unclassified status can be used to satisfy this nine-hour requirement. A student in provisional status may be dismissed from the graduate program if the student does not complete the required 9 hours within 12 consecutive months, or if the required 3.00 GPA on all courses taken while in provisional status is not attained. Otherwise, the student's status will be changed to Regular or Unclassified as appropriate. Academic departments may set higher standards for students admitted provisionally into their programs. While in the provisional status, a student is not eligible to hold a graduate assistantship; however, an exception *may* be granted by the student's academic dean in well-justified cases if approved by the academic department head and/or graduate coordinator.

### **Contingent Admission**

A student needing the final transcript recording the bachelor's degree or to provide particular scores, .e.g., GRE, GMAT or PRAXIS scores, may be admitted in contingent status. The final transcript or satisfactory standardized test must be provided by the end of the initial semester of enrollment or the student will be dismissed. For example, if the applicant has met all admission requirements but is in the final semester of a bachelor's degree, the applicant will be admitted in contingent status until the official verification documents that the degree has been awarded, at that time the applicant will advance to regular admission status. A contingent admission can also be changed to regular when the University receives GRE/GMAT or other required test scores.

An applicant may also be admitted with one or more departmental contingencies, requirements the department expects the student to fulfill by a certain deadline. Departmental contingencies are monitored by the department and usually are prerequisite courses, standardized tests, or another similar requirement.

A student in the contingent status is eligible for a graduate assistantship. Continued eligibility for a graduate assistantship beyond the initial semester would require that any such graduate assistants advance to regular status by the completion of the initial semester. Students may not be moved from contingent status to provisional status. Failure to qualify for regular admission status will prevent the student from registering for the next semester.

### **Non-Degree Classified Admission**

An applicant not wishing to pursue a graduate degree but wishing to achieve a special certification or Master's plus 30 credit hours for teaching purposes (applicant must have a Master's degree), would apply for admission to the University Studies for Non-degree-classified admissions. A student enrolled at least half-time in this status is eligible for specific types of financial aid. Individuals should contact the Student Financial Aid Office for additional information. Students seeking admission as



non-degree classified must meet or exceed the university minimum requirements for admission (see minimum requirements stated under *Regular admissions*).

#### **Non-Degree Unclassified Admission**

A student wishing to pursue graduate-level study for purposes other than advanced degree, certificate program, or master plus 30 credit hours for teachers may be admitted in unclassified status. Upon completion of one semester in unclassified status a student wishing to be considered for admission to a degree is eligible to apply. No more than nine (9) graduate hours of work received as an unclassified student may be counted toward credit for a degree program. For courses taken in the unclassified status that are to be counted for credit toward a graduate degree the student must have earned a grade of B or A and the courses must be approved by the department graduate coordinator and department head. In cases where a student has a graduate advisory committee, approval of courses to count toward the graduate degree must be approved by the student's graduate committee and the departmental graduate coordinator. Hours completed in this status may not be used to satisfy provisional admission requirements. Financial aid may be limited for students in unclassified status. Contact the Student Financial Aid Office for additional information. Students seeking admission as unclassified must meet or exceed the university minimum requirements for admission (see minimum requirements stated under *Regular admissions*).

No more than 9 hours earned by a student in Provisional, Contingent, Non-Degree, or Unclassified Status may be counted towards a graduate degree, provided the credit is recommended by the appropriate graduate coordinator/director or graduate faculty advisor.

### Change of Status

Changes in status from Provisional or Contingent status will occur automatically as a student completes course work or provides necessary documents. A change in status from Non-Degree Classified or Non-Degree Unclassified status to Degree status must be initiated by the student. This is accomplished by completing an application for admission to a degree program.

### Application Procedures

\*Individual departments or programs may have earlier deadline dates for consideration of applications. It is the applicant's responsibility to be aware of specific deadline dates.

The completed application form, payment of required fees, official transcripts, and official results of standardized tests should be submitted to the Admissions Office on or before the date noted\* for the specific semester the student wishes to enroll. Applications must be accompanied by the payment of the non-refundable application fee.

\*Applications received after this date may delay consideration until the following semester. No applications for graduate studies will be accepted after the regular University application deadlines published in the Admissions Criteria and Academic Regulations section of this catalogue.

#### **Readmission**

Students previously registered at Southeastern who wish to resume their graduate studies after an absence of more than 12 months must submit an application for readmission together with official transcripts of all graduate work taken at other institutions to the Admissions Office. A student who does not attend Southeastern Louisiana University for one calendar year or longer must meet the requirements of the catalogue in effect at the time of reentry.

#### **International Students**

Admission of international students is considered on an individual basis by the International Admissions Office *and* by the appropriate graduate coordinator/director or graduate faculty advisor. International students must meet all University and departmental requirements for Degree Status. In addition, international students must submit to the International Admissions Office the following documents:

1. An application and payment of the application fee.
2. Official, certified transcripts, certificates of degrees, etc., depicting all undergraduate and graduate courses taken and all grades received. A certified translation must accompany these documents if the language used is other than English.
3. A score of at least 500 on the Test of English as a Foreign Language (TOEFL), or a score of at least 173 on the computer-based TOEFL, for applicants whose native language is other than English. Some departments may have more stringent criteria.
4. Certification of the availability of funds to meet all the costs while the student is enrolled at Southeastern, according to INS regulations.
5. Official scores on all standardized tests as required by the individual departments.

Southeastern Louisiana University reserves the exclusive right to determine whether the documentation meets the minimum criteria necessary for the admission of international students to Graduate Studies.

International students are responsible for complying with all regulations of the Immigration and Naturalization Service (INS). Failure to do so will jeopardize their status as students.

### General Regulations

Graduate students are responsible for being fully acquainted and complying with all requirements for Graduate Studies and for the respective degree programs. When a particular situation is not covered in this Graduate Studies section of the catalogue, graduate students should refer to the General University Regulations.

Students seeking the Doctorate of Education degree (consortium arrangement) must comply with the following regulations unless otherwise specified under the Ed.D. section of the catalogue, on the website of the department of Educational Leadership and Technology and in the "Doctoral Candidate Handbook." The formatting of the dissertation must follow Southeastern's Theses and Dissertations Standards.

### Grade Point Average

All references to grade point averages (GPA) regarding admission to graduate credit in degree programs refer to the cumulative grade point average as defined by the student's degree program and computed on all hours attempted.

### Graduate Credit

A student may receive graduate credit only for work taken while enrolled as a graduate student or as a qualified senior undergraduate.

### Graduate Credit for Southeastern Seniors

A Southeastern senior may register for graduate credit if he/she has at least a 3.2 cumulative GPA on previous undergraduate work attempted and lacks no more than 21 hours to complete the baccalaureate degree requirements, unless the department of the graduate program stipulates that the student must be closer than 21 hours from the baccalaureate degree. The student may earn no more than 12 graduate credit hours while completing baccalaureate degree requirements. Courses taken for graduate credit cannot be used to satisfy undergraduate requirements. The student retains undergraduate status until awarded the baccalaureate degree. The student shall maintain a minimum cumulative graduate GPA of 3.0 while in the concurrent program. In a regular semester, the student may register for no more than 15 hours, six of which may be at graduate-level. In a summer session, the student may register for no more than 10 hours, four of which may be at graduate-level.

## Transfer Credit

After earning a minimum of twelve (12) hours of graduate credit at Southeastern, a student may appeal to the graduate coordinator/director or graduate faculty advisor for approval to apply for transfer credit from another university. That university must be an accredited institution that regularly grants the master's degree or an equivalent foreign institution. The student must be eligible for readmission to the institution from which credits are to be transferred and must have earned a minimum grade of "B" in each course to be transferred. No transfer credits may be used to remove a student from probation. No transfer credit may be earned for courses taken more than six years prior to the date of graduation. No more than one-third of the hours required for graduation may be transferred. The graduate coordinator/director or the graduate faculty advisor will recommend to the student's academic dean the courses to be transferred, and the academic dean will make the final determination as to whether any or all of the recommended courses will be accepted for transfer credit.

## Off-Campus Credit

There is no limit to the number of graduate hours a student may earn in off-campus courses. The graduate coordinator/director or graduate faculty advisor will recommend to the student's academic dean the number of graduate hours earned in off-campus courses that will count towards a graduate degree.

## Correspondence Study

No graduate credit is allowed for courses completed by correspondence study with any college or university.

## Standardized Test for Admission

The appropriate standardized tests should be taken no later than March for Fall semester admission, September for Spring semester admission, and February for Summer admission. Scores are to be submitted to the Admissions Office. Information about the Graduate Record Examination, the Graduate Management Admission Test, and the Test of English as a Foreign Language is available from the Southeastern Office of Testing or from Educational Testing Service, P.O. Box 955, Princeton, NJ 08540. Applications to take any of these tests should be completed and forwarded to Educational Testing Service along with the examination fee at least one month in advance of the testing date.

## Eligibility of Faculty and Staff for Graduate Degree

To be admitted to a degree program (any level) at Southeastern, an unclassified employee must secure the approval of his/her supervisor. All faculty members may become candidates for graduate degrees at Southeastern, provided the degrees are offered in a department other than the one in which the faculty member is employed. "Unclassified employees" includes all full-time faculty members holding rank and all twelve-month, unclassified personnel serving on the administrative staff.

## Graduate Assistantships

A limited number of Graduate Assistantships are available to qualified graduate students. Assistantships are awarded at the discretion of the individual department heads, and assignments are made according to the needs of the University. Qualified graduate students may also be eligible for a limited number of graduate teaching fellowships. Graduate Assistants are appointed in accordance with the University of Louisiana System, Department of Civil Service, and Southeastern policies. A Master's level graduate assistant is eligible for an assistantship or fellowship each semester during a period not to exceed twenty-four (24) consecutive months and a student pursuing a doctorate will

be eligible to hold an assistantship or fellowship each semester during a period not to exceed forty-eight (48) consecutive months. Students in the Counseling Master's degree program, due to a sixty (60) hour requirement for the degree, are eligible for employment as a graduate assistant each semester during a period not to exceed thirty-six (36) consecutive months. In all cases the clock starts for consecutive months when the student is initially awarded an assistantship. A student receiving a university funded assistantship may receive a one-time one semester extension of the assistantship upon recommendation of the student's advisor and concurrence of the student's advisory committee, where applicable and upon notification to the student's academic dean. Any further extensions of university funded graduate assistantships must be approved by the student's academic dean. Externally funded assistantships shall be awarded according to the awarding agency or foundation guidelines, including the length of time a student can be awarded an assistantship.

### Full-Time Status

For All Graduate Students, full-time status is defined as enrollment in at least nine (9) hours of course work or the equivalent during the fall and spring semesters, and at least six (6) hours during the Summer term. The full-time equivalent status for students receiving a graduate assistantship is 6 hours in the fall and spring semesters and 3 hours in the summer.

### Course Loads

#### **Graduate Students not holding Assistantships or Fellowships:**

Maximum course load registrations is 16 hours of course work during the Fall and Spring semesters and 9 during the Summer term.

#### **Graduate Assistants and Teaching Fellows**

Maximum course load registration is a combined total of 12 hours of graduate course work and/or undergraduate prerequisite course work during the Fall and Spring semesters and 9 hours during the Summer term.

Minimum course load registration is a combined total of 6 hours of graduate course work and/or undergraduate prerequisite course work during the Fall and Spring semesters and 3 hours during the Summer term.

#### **All Graduate Students**

Course load registration must be approved by the student's graduate coordinator/director or graduate faculty advisor. Appeals for increasing or decreasing the course load requirements should be made to the student's academic dean, whose decision is final.

### Adding and Dropping Courses

A course may be added or dropped only during regular registration dates as indicated in the University Calendar. After registration is over, a student may withdraw from a class or resign from the University by completing the proper form(s) and obtaining the required signatures. Withdrawal/Resignation forms are available in the Records and Registration Office.

### Combined Courses

Courses combining instruction of undergraduate and graduate students clearly differentiate the course requirements for both groups and require the graduate student to perform work at a substantially higher level of complexity and maturity.

### The Graduate Grading System

A = 4 quality points per semester hour

B = 3 quality points per semester hour

C = 2 quality points per semester hour

D = 1 quality point per semester hour  
F = No quality point value  
P = Passing (See Pass-Fail Option)  
I = Incomplete (See Incomplete Grades)  
IP = In Progress (Thesis Courses Only)  
W = Officially withdrawn as stipulated in the catalogue

### “D” and “F” Grades

No grade of “D” or “F” may be counted toward a degree.

A grade of “D” means unacceptable work, and all courses to be counted toward a degree in which a “D” is earned must be repeated with a grade of at least “C”.

A grade of “F” means failure, and all courses to be counted toward the degree in which an “F” is earned must be repeated with a grade of at least “C.”

No more than 6 hours of “C” grades may be counted toward a degree.

### Incomplete Grades

A grade of “I” means incomplete and is given only for courses in which, because of circumstances beyond the student’s control, cannot be completed during the semester in which the course is taken.

An “I” grade must be removed from a graduate student’s transcript by the end of the next semester, including summers, unless extended by the student’s academic dean. If the “I” grade is not removed, it will automatically be changed to an “F.”

### Pass-Fail Option

#### All Courses

Graduate students have the option of registering for graduate courses with a P (Pass) - F (Fail) option. *Except for thesis courses and certain internships, Pass grades may not be counted toward a graduate degree.* Graduate students may change from regular letter grading to Pass - Fail, or vice versa, up to the last day for adding courses. Students must notify the instructor in writing of this decision. For graduate credit courses, only “C” quality or better work will earn the grade of “P.”

#### Thesis Courses

The grade of “P,” with a maximum credit of 6 hours, shall be assigned to all Thesis courses, upon final approval of the Thesis by the faculty and by the appropriate authorities, and upon receipt of the final approved copy of the thesis in the Library.

### Good Standing – Grade Requirement

A graduate student is in good standing and is considered to be making satisfactory progress if a 3.0 semester and 3.0 cumulative GPA is earned in all graduate courses.

### Appeals of Grades

Appeals of grades must first be made to the instructor within 45 days of grade reports. If the instructor’s decision is not satisfactory, the student may appeal, in writing, to the instructor’s department head (or the graduate director for Nursing students), with a copy to the instructor, and the instructor’s academic dean. The department head (or the graduate director for Nursing students) will render a decision within ten working days. If the decision of the department head (or the graduate director for Nursing students) is not satisfactory, the student may appeal, in writing, to the instructor’s academic dean, with copies to the instructor and department head (or the graduate director for

Nursing students). The dean will render a decision within ten working days. The decision of the dean is final.

### Probation, Suspension, Readmission, and Dismissal

**Probation:** Graduate students whose semester or term GPA and/or cumulative GPA in graduate courses falls below 3.0 shall be placed on probation. During their next semester or term of enrollment in Graduate Studies, students on probation *must* achieve a minimum 3.0 GPA for that semester/term and may not register for any courses on a Pass-Fail basis.

Students will remain in Probation status as long as their cumulative GPA remains below 3.0.

**Suspension:** Students whose semester or term GPA falls below 3.0 for two semesters of enrollment, including summers, will be suspended from Graduate Studies.

Students suspended for the first time may not enroll in Graduate Studies for at least one semester following notification of Suspension status.

**Readmission:** After an absence of at least one semester, suspended students may apply for readmission by submitting a completed appeal form to the graduate coordinator/director or graduate faculty advisor. The graduate coordinator/director or graduate faculty advisor will submit the form, with a recommendation to readmit or not to readmit, to the department head. The department head will submit the form, with a recommendation to readmit or not to readmit, to the academic dean. The decision of the dean is final.

Upon a second suspension, students seeking readmission must follow the same procedure, except that the student will have been suspended from Graduate Studies for a minimum of one calendar year.

**Dismissal:** Graduate students with two suspensions must maintain a minimum 3.0 GPA each semester for the remainder of their graduate career, or be dismissed from Graduate Studies. This dismissal is final.

### Graduate Faculty Advisor Committee

All Graduate Faculty in each degree-granting program will serve as members of the Graduate Faculty Advisory Committee. This Committee will have an opportunity to review the progress of all graduate students during meetings to be held at least once per year. Students deemed to be making insufficient progress toward their degrees will be notified of the problems identified by the committee, and will be given up to one semester to make improvements. How these problems are rectified will determine whether or not the student is permitted to continue in the program.

### General Requirements for the Master's Degree Time Limitations

A student must complete all degree requirements in the graduate degree program within six (6) years immediately preceding the date on which the degree requirements are completed. An extension may be granted due to extenuating circumstances if approved by the Dean of the student's degree program.

### Hours Required

A minimum of 30 semester hours of graduate course work is required in all master's degree programs. If a thesis option is chosen, the degree plan must contain at least twenty-four (24) hours of graduate course work and up to six (6) hours of thesis/research. If the non-thesis option is chosen, the degree plan must contain at least 30 hours of graduate course work. Each individual degree program has its own specific course requirements that students must follow.

## Course Level

A student must earn at least one half of the course work in graduate courses for which there are no advanced undergraduate companion courses.

## Student Advising

Each department has a graduate coordinator/director or assigned member of the graduate faculty who serves as advisor for all graduate students in the department. In some departments, additional graduate faculty members are used in advising graduate students. The graduate coordinator/director or graduate faculty advisor advises students about course selection, determines each student's specific degree plan, and may select the student's major professor and graduate faculty committee, schedule and administer comprehensive examinations, and supervise other matters related to graduate studies.

All graduate students must consult with the departmental graduate coordinator/director or assigned graduate faculty advisor before scheduling and registering for courses.

## Degree Plan

The departmental graduate coordinator/director, graduate faculty advisor, or major professor will determine the degree plan for each graduate student in the respective departments. The degree plan *must* be finalized prior to a graduate student's registering for more than 12 hours of graduate credit. The degree plan will be formulated in accordance with the general regulations of the University, as well as those of the student's college and department. The degree plan will be filed in the Office of Records and Registration/Graduate Studies.

## Effective Catalogue

The degree plan shall be formulated according to the requirements published in the catalogue in effect at the time of the student's admission to degree status or at any subsequent time during the six-year limit for completing the degree. A student may adopt a subsequent catalogue only with the approval of the graduate coordinator/director or graduate faculty advisor, and of the student's academic dean. A student who does not attend Southeastern Louisiana University for one calendar year or longer must meet the requirements of the catalogue in effect at the time of reentry.

## Admission to Candidacy for the Master's Degree

All students seeking a master's degree must be admitted to candidacy for the degree. This entails the following:

1. Admission to candidacy for the master's degree provides official recognition that the student has attained a stage in advancement toward the degree.
2. Prior to admission to candidacy for the master's degree, students' satisfactory progress toward the degree will be attested by their:
  - a. Having achieved regular admission status.
  - b. Having completed 12 hours of graduate degree credit at Southeastern with a cumulative GPA of at least 3.0.
  - c. Having a degree plan approved by their graduate coordinator/director or graduate faculty advisor.
3. The application for admission for candidacy for the master's degree must be completed and signed by the student and by the graduate coordinator/director or graduate faculty advisor and retained in the student's degree program office.

## Thesis

A student pursuing a thesis option Master of Arts or Master of Science degree is required to present a thesis. A master's thesis should demonstrate the student's ability to conduct independent research and to present the results of that research in a scholarly format. It should provide a significant contribution to knowledge in the discipline and reflect independent research of high quality.

The thesis defense shall include a presentation by the student, open to the public, and an oral examination on the thesis held before the Thesis Committee and other persons invited by the committee.

1. The student must register for departmental thesis courses for each semester the thesis is in progress and for each semester or term in which the student receives faculty assistance and/or uses University facilities and resources.
2. At the end of each semester in which a thesis is in progress, a grade of "IP" (In Progress) shall be assigned to the student. After final approval of the thesis by the Thesis Committee, and after the Thesis Committee certifies that the student has passed the defense, and after all copies of the thesis have been approved by the Office of Graduate Studies, a final grade of "P" shall be given.
3. The thesis format, style requirements, and other technical matters shall conform to the University's Theses and Dissertation Standards.
4. Following acceptance of the thesis by the Thesis Committee, the student will conduct a presentation open to the public and an oral defense of the thesis before the committee. After the defense, the Thesis Committee shall approve or reject the thesis. Students must make all corrections and changes in the thesis as agreed upon and recommended by the committee prior to final approval.
5. An original copy of the thesis on 20% cotton fiber paper must be submitted to the Office of Graduate Studies for binding. Upon return from the bindery, the bound copy will be housed in the Library permanently.
6. The University has an agreement with ProQuest Information and Learning Company (ProQuest) for the microfilming of all thesis and dissertations. Under this agreement, a copy of the completed thesis will be made and, if desired, the document will be copyrighted with the copyright in the name of the author. The microfilm will be published in the ProQuest Dissertations and Theses (PQDT) electronic database and the full document made available to subscribing institutions. Students will also have the option of purchasing bound copies directly from ProQuest.

## Leave of Absence from Thesis

In certain circumstances, such as illness, pregnancy, or compelling economic pressures, a student may not be able to enroll in a thesis course on a continuous basis. The University will allow leaves of absence on an individual, non-discriminatory basis, provided the student receives written permission from the appropriate graduate coordinator/director or graduate faculty advisor and the student's academic dean.

The leave of absence policy does not affect in any manner the six year time limit for completion of the degree.

## Comprehensive Examination

All students must pass a comprehensive exam or its equivalent. A student should speak with his/her graduate coordinator about the comprehensive exam or equivalency policies.



## Requirements for a Second Master's Degree

A student pursuing a second master's degree at Southeastern may, with approval of the degree committee, use credit from a previous master's Degree for up to a maximum of one-half of the total credit hours specified in the new degree plan. Credit will be given only for grades of "B" or better and must be approved by the new department head and academic dean.

## Graduation Requirements for the Master's Degree

To be eligible to receive a master's degree, student's must:

1. Complete all requirements in their degree plan.
2. Have filed a completed Admission to Candidacy for the degree.
3. Have earned a cumulative GPA of 3.0 in all graduate work pursued, including their majors.
4. Have earned no more than 6 semester hours of "C" grades in course that count toward their degree.
5. Pass the comprehensive exam, except MBA students, who must earn a grade of "B" or better in MGMT 683, CSD students, who must earn a grade of "P" in CSD 770, or MSN students, who must earn a grade of "B" or better in all course work and earned a grade of "P" in NURS 699 or a grade of "B" or better in NURS 695.
6. Be recommended for the degree by the faculty committee, department head (or graduate director for Nursing students), and the student's academic dean.
7. Have filed the application for graduation.
8. Be approved for the degree by the student's academic dean.
9. Have settled all University accounts.

Individual degree programs have graduation requirements more stringent than the general requirements listed above. Additionally, students must meet all individual degree program requirements to be eligible for graduation.

## Applying for Graduation

Students shall apply for graduation in the semester preceding the anticipated semester of graduation, according to the published deadlines.

Students who do not graduate in the anticipated semester of graduation must reapply for graduation and pay an additional application fee for each succeeding semester of application.

Students applying for graduation must:

1. Secure and complete the appropriate forms in the departmental office.
2. Pay the application fee.
3. Complete the online application procedure, including the exit survey.

## Checklist for Graduate Students

The following represent the minimum steps required of all graduate students. Additional steps may be required by individual departments.

### All Students

- Take the GRE or GMAT prior to admission or during the first semester of graduate work.
- Submit completed application, transcripts, fee payments, test scores, and any other required documentation, such as a valid teaching certificate, TOEFL scores, etc., prior to published deadlines.
- Meet with the graduate coordinator/director or graduate faculty advisor for admission status, degree plan, course scheduling, etc.
- Be admitted to candidacy for the degree.
- Pass the comprehensive exam or the equivalent.
- Apply for graduation within posted deadlines.

- Settle all financial accounts with the University.

Thesis Students

- Secure approval of thesis topic.
- Pass thesis defense.
- Secure final approval of thesis.

## Certification-Only Alternative Teacher Certification Programs College of Education

### Purposes

The purpose of the certification-only alternative teacher certification program is to offer an alternative teacher certification pathway for grades 6-12, K-12, and Early Intervention Special Education Birth-Age 5.

### Admission Requirements

- Earned a bachelor's degree from a regionally accredited university with a cumulative GPA of 2.5 or higher on all undergraduate course work OR a master's degree with a cumulative GPA of 3.0 or higher.
- Passing scores on PRAXIS Core Academic Skills for Educators – Reading, Writing, and Mathematics OR an ACT composite score of 22 or higher OR an SAT composite score of 1030 or higher OR a master's degree.
- Passing scores on the Praxis II in a specified content area. There is no Praxis II exam for Computer Science; therefore, 31 hours of computer science courses are required.
- Vocal or Instrumental Music: Those seeking admission for alternate certification in these areas must have at least a bachelor's degree in the content area. Those who do not have a degree in the content area must meet with the head of the Department of Music and Performing Arts for additional course work.

To apply for admission, official transcripts from all universities attended, along with official Praxis scores, must be submitted to the coordinator of the Certification-Only Alternative Certification Program. Students must also apply for graduate admission to the university through the Office of Admissions. Applicants must also be interviewed by the program coordinator.

### Portfolios

As part of the College of Education focus on performance-based outcomes, portfolios will be incorporated into the assessment of students enrolled in an approved Teacher Education Program. Students are required to submit portfolios through PASS-PORT, a web-based system that provides candidates, faculty, and administrative staff a system to gather, demonstrate, and evaluate performance data. Candidates will be charged a onetime non-refundable fee for licensure to use the system for seven years. This fee will automatically be charged when a candidate registers for a course offered by the College of Education.

The portfolio will allow students to demonstrate, through reflections, their understanding of how artifacts contained in the portfolio meet the program outcomes; provide a process by which a student can become a reflective practitioner to foster continuous improvement; and document a student's growth in the program. The portfolio will consist of artifacts, documents, and evidence which demonstrate that the program's Conceptual Framework have been met. Students will submit an Introductory Level Portfolio after successful completion of all Knowledge of the Learner and Learning Environment courses as listed on the Official Plan. The Developing Level Portfolio will be submitted as a prerequisite for student teaching or internship. The Competency Level Portfolio is required for program completion.

### Student Teaching

Student teaching is an all-day (approximately eight hours), all semester activity. The student teacher will be required to spend the full public school day, plus any additional conference or seminar time in this experience. The Director of Student Teaching will make the assignments for each student teacher. All possible considerations will be given, but it is the responsibility of the student teacher to make arrangements to meet the conditions of the assignment that is made. Student teaching must be

completed in Southeastern's teacher education service region. Those districts include the following: Ascension Parish, City of Bogalusa, East Baton Rouge Parish, Jefferson Parish (Kenner and Metairie area), Livingston Parish, St. Charles Parish, St. John Parish, St. Tammany Parish, Tangipahoa Parish, Washington Parish, and Zachary Community Schools.

### **Requirements for Student Teaching**

The Louisiana Department of Education regulations for certification of teachers require that students complete their student teaching under the control and supervision of the institution from which they expect to be graduated. To be eligible for student teaching, students must:

- Apply for student teaching by the deadline, which occurs one semester prior to the student teaching experience. The Director of Student Teaching assigns grade or subject and supervising teacher.
- Pass Praxis II content exam.
- Pass Praxis II exam in Principles of Learning and Teaching (PLT).
- Pass Introductory Level Portfolio and Developing Level Portfolio.
- Earn at least a "B" in EDUC 203 and 212.
- Complete required course work with a cumulative GPA of 2.5 or higher and no grade below a "C."
- Receive approval from the Director of Student Teaching.

### **Student Teaching/Internship Semester**

In order to remain in student teaching/internship, students are expected to meet and maintain desirable professional, physical and moral standards consistent with their positions in the public schools. A student who fails or is directed to withdraw from student teaching or internship must complete a one semester Professional Improvement Plan prior to a second teaching/internship experience. Only a grade of Pass or Fail is issued.

### **Internship Year**

An internship consisting of two consecutive semesters of teaching at an approved school site and the appropriate grade level and in the area of certification may be substituted for student teaching. Internships must be completed in Southeastern's teacher education service region that includes: Ascension Parish, City of Bogalusa, East Baton Rouge Parish, Jefferson Parish (Kenner and Metairie area), Livingston Parish, St. Charles Parish, St. John Parish, St. Tammany Parish, Tangipahoa Parish, Washington Parish, and Zachary Community Schools.

To qualify for an internship, a student must provide:

- Verification that all pre-requisites have been met the semester prior to the internship.
- Verification that all required parts of the Praxis have been successfully passed.
- Written recommendation from all the candidate's methods instructors and a rating using the Professional Attributes and Characteristics Scale.
- Completed application for the internship.
- Verification that the school has a state approved classification.
- Verification that the school is accredited by the regional accrediting agency.
- Verification that the principal/assistant principal has certification in Principalship and training in supervision.
- Verification that the principal/assistant principal has served in this role for a minimum of three years.
- Signed Principal/Assistant Principal Internship Agreement form.
- Verification that a mentor, teacher, who has taught a minimum of three years in the area of the intern's certification will be assigned by the principal/assistant principal to assist the intern.
- Verification of minimum class size in the area of certification.
- Evidence of cultural diversity within the school population.
- A copy of the Signed Internship Agreement form.

- A copy of the contract or employment agreement after the internship has been approved.

**Note:** The candidate is responsible for submitting the above documents the semester prior to beginning the internship. A complete packet should be submitted rather than item by item. Authorization to register for an internship will not be granted until all documents have been submitted.

### Practitioner License 2

Students enrolled in the Certification-Only Alternate Program that have completed 80 hours of classroom readiness training may be eligible to receive a Practitioner License (PL) 2 through the Louisiana Department of Education. The PL allows students to teach while pursuing alternate certification. The PL may be issued for one school year, renewed annually, and held for a maximum of three years while completing the program. To be eligible for renewal, students must remain enrolled in the program and complete nine hours each year, unless fewer hours are needed to complete the program.

#### Curriculum for Alternative Certification Grades 6-12

Alternate teacher certification is offered for grades 6-12 in the following subjects: Agriculture, Biology, Business Education, Chemistry, Computer Science, English, Family and Consumer Sciences, Industrial Education, Mathematics, Physics, Social Studies, Speech.

##### Required Courses (27-30 hours)

EDUC 212 .....	1 hour (Grade of "B" or higher required)
EDUC 203 .....	2 hours (Grade of "B" or higher required)
EPSY 301 or 311 .....	3 hours
EDUC 315 or EPSY 603.....	3 hours
EDUC 307 or 407 .....	3 hours
EDUC 472 .....	3 hours
EDUC 490 or MAT 660 and MAT 661* .....	6 hours
EDUC 486 or 429+ .....	6-9 hours

\*Permission from advisor needed to substitute MAT 660 and 661 for EDUC 490.

+Employment in content certification area allows student to apply to have 2 semesters internship substitute for student teaching. Three years teaching experience in content area allows students to apply to Louisiana Department of Education for student teaching waiver.

#### Curriculum for Alternative Certification Grades K-12

Alternate teacher certification is offered for grades K-12 in the following subjects: Art, Health and Physical Education, French, Spanish, German, Latin, Music (Instrumental), Music (Vocal).

##### Required Courses (27-30 hours)

EDUC 212 .....	1 hour (Grade of "B" or higher required)
EDUC 203 .....	2 hours (Grade of "B" or higher required)
EPSY 301 or 311 .....	3 hours
EDUC 315 or EPSY 603.....	3 hours
EDUC 307 or 407*.....	3 hours
Methods Courses (See Below) .....	6 hours
EDUC 486 or 429+ .....	6-9 hours

##### Content Specific Methods Courses

Art .....	ART 373 and 374
Foreign Language .....	FLAN 401 and 403
Health and PE .....	KIN 351 and 460 or MAT 660
Music.....	EDUC 313 and 490

\*Health and Physical Education students may substitute KIN 431.

+Employment in content certification area allows student to apply to have 2 semesters of internship substitute for student teaching. Three years teaching experience in content area allows students to apply to Louisiana Department of Education for student teaching waiver.

### **Curriculum for Alternative Certification in Early Intervention Special Education Birth-Age 5**

Required Courses (33-36 hours)

ECE 601 .....	3 hours
SPED 682 .....	3 hours
SPED 689 .....	3 hours
SPED 767 .....	3 hours
SPED 683 .....	3 hours
SPED 688 .....	3 hours
EDUC 677 .....	3 hours
EDUC 678 .....	3 hours
SPED 685 .....	3 hours
EDUC 653 or SPED 693+ .....	6-9 hours

+Employment in content certification area allows student to apply to have 2 semesters of internship substitute for student teaching. Three years teaching experience in content area allows students to apply to Louisiana Department of Education for student teaching waiver.

### **Add-On Teacher Certification College of Education**

The College of Education offers course work to meet the Louisiana Department of Education's requirements for add-on certification in the following content areas for students currently holding valid Louisiana teaching certificate:

- Adapted Physical Education
- Early Childhood
- Early Intervention (Birth-Age 5)
- Educational Diagnostician
- Educational Technology Facilitation
- Educational Technology Leadership
- Elementary (Grades 1-5)
- English as a Second Language
- Gifted Education
- Middle School (Grades 4-8) Specialty Areas: English, Math, Science, Social Studies
- Mild/Moderate (Grades 1-5; 4-8; and 6-12)
- Reading Specialist
- Secondary (Grades 6-12) specialty areas: Agriculture, Business, Computer Science, English, Family and Consumer Sciences, Foreign Language, Journalism, Marketing, Math, Science, Social Studies, Speech, Technology Education
- Secondary (Grades K-12) specialty areas: Art, Dance, Foreign Language, Health and Physical Education, Music (Instrumental), Music (Vocal)
- Teacher Leader Endorsement

**Biological Sciences**  
**College of Science and Technology**  
**Leading to the Degree of Master of Science (M.S)**

**Purposes**

The purposes of the Department of Biological Sciences are to:

1. Provide a broad academic program on both the undergraduate and graduate levels for students of diverse biological interests.
2. Render various services to the community, schools, educational groups, business organizations, and all other interested groups within the geographical locale of Southeastern Louisiana University.

**Admission Requirements**

To be considered for regular admission to the Master of Science Degree program in Biological Sciences, an applicant must:

1. Meet all University admission requirements.
2. Satisfactorily complete at least thirty (30) semester hours of undergraduate biology courses.
3. Submit a score on the General Test of the GRE (Verbal and Quantitative). ETS has changed the GRE scoring methodology. Please check with your graduate advisor for details regarding GRE requirements for admission.
4. Submit transcripts documenting a 3.0 undergraduate grade point average.
5. Submit two letters of recommendation, a curriculum vita, and a letter of intent to the Biological Sciences Graduate Coordinator, following procedures outlined on the department's web page.

**Requirements for the Degree (Thesis Option)**

1. All thesis students must pass the written biology entrance exam with a score of 70% or higher in the first semester of enrollment. Students have two chances to pass the exam. If a student does not pass the exam in the second attempt, he/she must switch to the non-thesis master's degree option.
2. All thesis students must have a thesis advisor.
3. All thesis students must choose a thesis committee consisting of the thesis advisor and two faculty members from the department. Additional committee members from other departments or institutions may sit on the committee with the approval of the thesis advisor and/or graduate coordinator.
4. All thesis students must pass an oral exam in front of a committee consisting of the thesis committee and one or more additional faculty members from the department by the end of the second semester. Students have two chances to pass the exam. If the student does not pass the exam in the second try, he/she must switch to the non-thesis master's degree option.
5. All thesis students must complete thirty hours of approved courses in Biological Sciences, including: six hours of Thesis (GBIO 770) and at least 12 hours in courses at the 600-level, which must include GBIO 601: Professional Aspects of Biology (one hour) and two or more hours (up to four) of GBIO 691: Graduate Seminar. (**NOTE:** 50% or greater of the total hours of all course work must be at the 600-level, excluding hour from GBIO 770); not more than 10 hours of transfer credit; and not more than two hours of Research Problems (GBIO 660). All credit hours earned in the graduate degree program must be completed within six years with a cumulative grade point average of 3.0 in all graduate work pursued and not more than 6 hours with grades of "C" in the degree plan (grades below "C" are not acceptable for graduate credit). All course work must be approved by the thesis advisor and graduate coordinator.

6. All thesis students are expected to gain teaching experience while in the program. Biology Teaching Assistants are required to take GBIO 600 each of their first two semesters (maximum two hours credit). This requirement may only be reduced with the consent of the graduate coordinator and the Department Head.
7. All thesis students are required to present an oral defense of their thesis that demonstrates independent research and competency in scholarly activity. The thesis must be approved by the student's thesis committee.
8. Requirements for awarding of the degree include the recommendation of the student's thesis committee, the Graduate Coordinator, the Department Head, and the Dean of the academic college, and completion of necessary paperwork including, but not limited to, the Degree Plan, the Application for Candidacy, and the Application for Graduation.

More detailed information on all of these requirements is listed on the departmental web page.

### **Requirements for the Degree (Non-Thesis Option)**

1. All non-thesis students must complete thirty-six hours of approved courses in Biological Sciences, including four hours of Non-Thesis Research Problems (GBIO 661) and GBIO 601: Professional Aspects of Biology, and one or more hours (up to four) of GBIO 691: Graduate Seminar, with grades of "B" or better, at least one-half of total graduate credit in 600-level courses (i.e., no more than 50% of total course load can be in 500-level courses), and no more than 10 hours of transfer credit. Students may take up to eight hours of approved courses from other departments at Southeastern. All credits earned in the graduate degree program must be completed within six years. A cumulative grade point average of 3.0 in all graduate courses and not more than six hours with grades of "C" in the degree plan (grades below "C" are not acceptable for graduate credit). All course work must be approved by the Non-Thesis Coordinator and Graduate Coordinator.
2. All non-thesis students must arrange with a graduate faculty advisor to conduct a research project in conjunction with GBIO 661 (Non-Thesis Research Problems). The student must submit a brief research proposal for the project and the Non-Thesis Research Agreement form to the Non-Thesis Advisory Committee for approval before beginning the project. The research project must be completed no later than one semester before graduation.
3. All non-thesis students must submit a research paper based on the non-thesis research project conducted in GBIO 661. The graduate faculty advisor and the Non-Thesis Advisory Committee must approve the completed project and research paper before the departmental seminar can be scheduled.
4. All non-thesis students must present a seminar to the department describing the non-thesis research project. Students must contact the Non-Thesis Advisory Committee to arrange a seminar date and the seminar must be approved by the Non-Thesis Advisory Committee. Students have one opportunity to repeat the seminar in the event of an unsatisfactory performance prior to dismissal from the program.
5. All non-thesis students must pass a comprehensive oral or written exam based on their graduate course work after completing 30 credit hours or in their last semester. The exam is administered by three to four faculty members from whom the student has taken courses. To pass the exam, students must receive an overall average of 'satisfactory.' Students have two chances to pass the exam. Students not passing the exam on the second attempt will be dismissed from the program. Thesis students who have completed the written and oral entrance exams prior to switching degree plans to the non-thesis option are also required to pass the non-thesis comprehensive exam, i.e., prior oral and written exams do not exempt students from taking and passing the non-thesis comprehensive exam.
6. Requirements for awarding of the degree include the recommendation of the student's thesis committee, the Graduate Coordinator, the Department Head, and the Dean of the academic college, and completion of necessary paperwork including, but not limited to, the Degree Plan, the Application for Candidacy, and the Application for Graduation.



**Business**  
**College of Business**  
**Leading to the Degree of**  
**Master of Business Administration (M.B.A.)**

**Purpose**

The purpose of the Master of Business Administration curriculum is to prepare students to assume positions of leadership and responsibility in administrative positions in a globally competitive marketplace. The curriculum is designed to enhance the skills, knowledge, and analytical ability of the MBA students.

**Objectives**

The Master of Business Administration is offered as an interdisciplinary program by the various departments in the College of Business. Specific objectives of the MBA program are as follows:

1. To provide students with a common body of knowledge that is applicable to the management of private, public, and non-profit organizations.
2. To enhance student skills in the ability to identify problems, obtain relevant information, analyze alternatives, and implement appropriate solutions.
3. To provide students with experience in integrating the concepts and techniques from the various functional areas of business and applying them to organization-wide problems.
4. To promote student understanding of the problems and opportunities afforded by the various environmental forces confronting management in all types and sizes of organizations.

**Admission Requirements**

Only those students whose past academic performance and aptitude indicate promise of success will be admitted to the Master of Business Administration Program. The MBA Director determines acceptability of all work submitted in satisfaction of the foundation and prescribes courses to be taken to remove any deficiencies. Applicants to the Master of Business Administration program must meet the following:

**Regular Admission**

Regular admission will be granted to students who have met each of the following conditions:

1. A bachelor's degree or equivalent from an accredited college or university, and
2. A minimum cumulative grade point average (GPA) of 2.75 (4.0 scale) for all undergraduate work attempted or a minimum cumulative GPA of 3.0 (4.0 scale) on all upper division undergraduate course work attempted, and
3. A minimum of 430 on the Graduate Management Admission Test (GMAT), and/or its equivalent on the Graduate Records Examination (GRE) – using the ETS-Published “GRE Comparison Table for Business Schools”<sup>\*\*\*</sup>, OR a minimum score of 1,100 based on the formula of upper-division GPA x 200 + (GMAT or GRE) = 1,100, and
4. A minimum TOEFL score of 525 or a minimum computer-based TOEFL score of 195 (international students only.).

<sup>\*\*\*</sup>If a student already has obtained a master's degree from an accredited institution, the MBA director may consider a waiver of the GMAT requirement, taking into consideration factors such as the recency and discipline of the degree. The GMAT requirement is more likely to be waived if the applicant has been recently awarded a master's degree in a related or technical field.

## General MBA Graduate Course Requirements

Completion of 33 semester hours of graduate work with a cumulative "B" average.

### Required Courses (24 hours)

ACCT 625: Accounting for Business Decisions.....	3 hours
ECON 613: Managerial Economics .....	3 hours
FIN 653: Financial Policies I .....	3 hours
MGMT 663: Organization Theory and Behavior.....	3 hours
MGMT 683: Business Policy and Strategy (taken in last 12 hours) .....	3 hours
MRKT 673: Marketing Administration .....	3 hours
OMIS 600: Statistical Methods in Business and Economics.....	3 hours
MGMT 695: Special Topics in Management .....	3 hours

### General Elective Courses (9 hours)

Elective courses must be approved by the MBA Director and must be 600-level. A student may select one 3 hour elective course at the 500-level, provided the student has not taken the undergraduate equivalent of a particular 500-level course. No more than two 3 hour elective courses may be taken in a single discipline.

### Total Required Hours for the MBA Degree – 33

Degree candidates may not have earned more than six (6) semester hours of graduate work with a grade of "C". Further, no grade below "C" will be accepted for graduate credit. Where a grade below "C" has been obtained, the student must repeat the course (in the case of a required course) or, in the case of an elective course, either repeats that course or chooses a new elective to study. If a student chooses to repeat a course in which a "C" has been earned, the same course may be repeated only once, and approval by the MBA Director must be obtained. In all cases, the course in which the grade of "C" has been obtained will remain on the student's transcript and will be computed in the student's cumulative GPA.

## Graduate Credit for Southeastern Seniors

A Southeastern senior may register for graduate credit if he/she has at least a 3.2 cumulative GPA on previous undergraduate work attempted, lacks no more than 9 hours to complete the baccalaureate degree requirements, and has taken the GMAT and received a minimum score of 430. The student may earn no more than 6 graduate credit hours while completing baccalaureate degree requirements. Courses taken for graduate credit cannot be used to satisfy undergraduate requirements. The student retains undergraduate status until awarded the baccalaureate degree. The student shall maintain a minimum cumulative graduate GPA of 3.0 while in the concurrent program. In a regular semester, the student may register for no more than 15 hours, six of which may be graduate course work. Students in this category will have to be advised by the MBA Director and will only be able to register during regular registration.

## Transfer Credit

After having earned a minimum of 12 hours of graduate credit at Southeastern, a student may appeal to the graduate coordinator/director for approval to apply for transfer credit from another university. That university must be an accredited institution that regularly grants the master's degree or an equivalent foreign institution. The student must be eligible for readmission to the MBA program at the institution from which credits are to be transferred and must have earned a minimum grade of "B" in each course to be transferred. No transfer credits may be used to remove a student from probation. No transfer credit may be earned for courses taken more than six years prior to the anticipated date of graduation. No more than six hours required for graduation may be transferred. The graduate advising coordinator or director will recommend to the Graduate Studies the courses to be transferred, and the Dean will make the final determination as to whether any or all of the

recommended courses will be accepted for transfer credit. Courses completed by distance learning must be from an AACSB accredited college or university.

## Course Loads

Full-time students requesting to take more than 12 hours in a regular semester (fall or spring) or 9 hours in summer must receive approval from the Director of the MBA Program. In all cases, MBA students must be in their last 12 hours to schedule the capstone course (MGMT 683) and may not take more than 12 hours that semester.

## Guest Student Policy

Enrollment in all MBA courses is limited to those formally admitted to the MBA Program with the following exception: Students who are in good standing in another MBA program from an AACSB school are allowed to take courses if seats are available. Students must obtain permission from their home institution, submit a Verification of Good Standing from the MBA Program they are currently enrolled in, and submit an official transcript. Guest Students are limited to 6 hours of credit from Southeastern's MBA Program.

**Note:** Eligibility to take courses does not guarantee that courses will be offered or are open. Class sizes are limited, and Southeastern students are given priority in class enrollment.

## Executive MBA Program

The Executive MBA program is a 17-month general management program leading to the MBA degree. The program is designed to equip practicing managers and businesspersons with the knowledge and executive skills that will lead to professional success.

The curriculum covers the general business subjects required for the MBA degree; however, it is not restricted by traditional academic delivery. Instead, topics are presented in modules.

The sequence of eleven EMBA graduate courses begins each January, and degree completion is scheduled approximately seventeen months later. The EMBA class will have an opportunity to determine the electives to be offered.

The curriculum incorporates varied instructional methods to achieve an optimal blend of theory and real-world application. Additionally, classes are delivered in class and online to create a balanced program that allows participants to continue their careers while they study to master a broad range of functional and managerial skills.

Admission to the EMBA program is selective and is awarded based on several criteria. Factors considered for acceptance into the program include:

- Bachelor's degree or equivalent from an accredited college or university
- Score on the GMAT
- Professional experience (Five years or more of continuous, full-time, successful experience is preferred)
- Recommendation by the Graduate Business Programs Faculty Advisory Committee

## Concentration in Health Care Management

Students can complete the EMBA program while pursuing a concentration in health care management. This concentration will prepare students to manage and lead in the health care environment by pursuing more specialized health-related interest through a range of elective opportunities.

ACCT 625: Accounting for Business Decisions.....	3 hours
ECON 613: Managerial Economics .....	3 hours
FIN 653: Financial Policies I .....	3 hours
MGMT 663: Organizational Theory and Behavior .....	3 hours
MGMT 683: Business Policy and Strategy (taken in last 12 hours) .....	3 hours
MRKT 673: Marketing Administration .....	3 hours
OMIS 600: Statistical Methods in Business and Economics.....	3 hours
MGMT 695: Special Topics in Management .....	3 hours

Students who pursue a concentration in health care management will take the following courses:

- MGMT 650: Health Care Law
- MGMT 656: Advanced Health Care Management
- FIN 650: Health Care Financial Management

### Graduate Business Programs Faculty Advisory Committee

The Graduate Business Programs Faculty Advisory Committee consists of department and graduate faculty representatives. The committee approves graduate admission standards and changes in the MBA/EMBA curriculum (with appropriate input from departmental curriculum committees where specialized concentrations are concerned). After each semester, the committee shall determine whether or not each student will be permitted to continue in the MBA/EMBA program.

### Post-Baccalaureate Certification Program in Business Administration

Individuals who have completed a baccalaureate degree in a non-business field are eligible to apply to the Post-Baccalaureate Business Administration Certification program, offered by the College of Business. This program will enhance the effectiveness of those who need basic business knowledge to be more effective in their professional capacity. Individuals who possess undergraduate degrees in non-business fields but who aspire to managerial or administrative positions, who are considering obtaining an MBA, or who need basic business knowledge to begin or sustain their own business or other entrepreneurial ventures may also be interested in this certificate.

Other factors considered for admission to the program include:

- A baccalaureate degree in a non-business field as verified by transcript submission.
- Formal application to the university is required.

Required Courses (18 hours; minimum time for completion: 2 semesters)

ACCT 200: Introduction to Financial Accounting.....	3 hours
ACCT 225: Managerial Accounting.....	3 hours
BLAW 231: The Legal Environment of Business.....	3 hours
ECON 202: Principles of Economics (Microeconomics).....	3 hours
MRKT 303: Principles of Marketing.....	3 hours
MGMT 351: Principles of Management.....	3 hours

## Communication Sciences and Disorders (CSD) College of Nursing and Health Sciences Leading to the Degree of Master of Science (M.S.)

### Purposes

The purposes Communication Sciences and Disorders program are:

1. To provide a curriculum to develop professional competencies in communication sciences and disorders.
2. To develop students' awareness of the problems and needs of individuals with communication disorders.
3. To motivate the student toward scholarly research.
4. To prepare the student for further study in the field of communication sciences and disorders.
5. To provide those students majoring in communication sciences and disorders with the academic and clinical training required for the Certificate of Clinical Competency in Speech-Language Pathology (CCC-SLP) granted by the American Speech-Language-Hearing Association.

### Communication Sciences and Disorders Program Admission Requirements

Admission to the graduate program in communication sciences and disorders (CSD) is competitive and enrollment is limited. Meeting the minimum admission requirements listed below does not guarantee admission to the program. CSD allows students to enroll ONLY under Regular and Unclassified admission status. To be considered for regular admission to the Master of Science program in Communication Sciences and Disorders, an applicant must hold an undergraduate degree. In addition an applicant must satisfy the following:

1. **Grade Point Average:** Minimum 2.75 cumulative GPA. Minimum 3.00 GPA on the last two years (approximately 60-70 semester hours or 90-100 quarter hours) of upper level undergraduate academic course work.
2. **Submit a GRE score for all three subtests:** Provide a Graduate Record Examination (GRE) score for Verbal Reasoning, Quantitative Reasoning, and Analytical Writing. An applicant must have a minimum score of 138 on the Verbal Reasoning, 138 on Quantitative Reasoning, and 3.0 on Analytical Writing.
3. **Calculation of Admission Score**
  - a. A score of at least 1225 based on the following formula:  $(\text{Cumulative GPA} \times 100) + (\text{last 60 hours GPA} \times 100) + (\text{GRE verbal} \times 2.35) + (\text{GRE quantitative} \times 2.35) \geq 1225^*$ 
    - A total of 1225 points does not guarantee admission.
  - b. The Analytical Writing Score from the Graduate Record Examination (GRE) will be considered separately.
4. **Letters of Reference Forms:** Three Letter of Reference Forms must be submitted by individuals who are familiar with the student's potential for completing a graduate program in communication disorders (i.e. professors and employers). Forms are available from the Communication Sciences and Disorders Program, and the web page: [http://www.southeastern.edu/acad\\_research/depts/hhs/grad\\_prg/csd/admissions/index.html](http://www.southeastern.edu/acad_research/depts/hhs/grad_prg/csd/admissions/index.html)
5. **Writing Sample:** A 1-2 page writing sample with standard formatting (single-spaced, 1 inch margins, Times New Roman, 12 point font) in response to the following writing prompt: *"Share an experience that changed/shaped your thinking or actions. We would like you to tell us how and why it changed you."* The writing sample will be scored on organization and focus, originality, writer's voice, freedom from error, and overall writing success.
6. **Resume:** A resume of previous work and/or volunteer experience. Consideration will be given for applicants with previous clinical experience, research experience, awards, and other experiences.

7. **Application Deadline:** All application materials must be completed and on file by March 1<sup>st</sup> for fall admission and by October 1<sup>st</sup> for spring admission. The program's Graduate Admissions Committee determines admission to the CSD program.
8. **Criminal background check:** Students who have been accepted into the CSD program will be required to complete a criminal background check at their expense as a requirement of regular admission status.
9. **Essential Functions and Technical Standards:** Students who have been accepted into the CSD program will be required to meet the Essential Functional and Technical Standards requirements for speech-language pathology.

**Application Consideration Procedure:** The program's Graduate Admissions Committee determines admission to the CSD program. Applicants must have all application materials turned in by the deadlines to be considered. Applicants who meet minimum score requirements will be considered based on all application criteria: GPA, GRE, writing sample, resume, and letters of reference.

## Requirements for Degree

The Program of Communication Sciences and Disorders offers the academic course work and clinical practicum experiences to meet both state licensure and the American Speech-Language-Hearing Association's requirements for the Certificate of Clinical Competence in speech-language pathology (ASHA CCC-SLP). Students pursuing State of Louisiana Ancillary Certification as a Speech Therapist should consult with a faculty advisor for specific requirements.

To receive the Master of Science degree the student must:

1. Complete thirty-six (36) hours in CSD course work including CSD 602, 606, 607, 613, 614, 616, 617, 632, 633, 634, 628, and 687. Clinical practicum hours vary depending upon previous experience. Students with no clinical experience must complete five (5) semesters of clinical practicum (CSD 500, 510, 611, 603, and 630). Students with a CSD background with some clinical experience but less than fifty (50) clinical hours must take four (4) semesters of clinical practicum (CSD 510, 611, 603, and 630). Students who have a CSD background from Southeastern Louisiana University with at least fifty (50) hours of clinical practicum must take three (3) semesters of clinical practicum (CSD 611, 603, and 630). Regular Status students who do not have 25 observation hours must register for CSD 328.
2. Complete six (6) hours of CSD electives with no thesis or six (6) hours of thesis credit with thesis option. **THESIS OPTION:** Students will be allowed to enter the thesis option only with the consent of the Graduate faculty. The thesis is a major work of independent research of primary topics and will be supervised by the student's major professor and thesis committee.
3. Have no more than one (3 hours) "C" in CSD courses. A student who has earned a grade of "C" or lower in a course may not repeat the course in order to earn a higher grade. A student is in good standing and is considered to be making satisfactory progress if at least a minimum of 3.0 semester and a 3.0 cumulative GPA are earned in all graduate courses. Students must have a 3.0 cumulative GPA to be eligible for enrollment in clinical practicum courses, and the 3.0 cumulative GPA is a prerequisite for students to change degree status from Unclassified to Regular admission status.
4. Complete one semester as a full-time student, excluding summer.
5. Satisfactorily complete a comprehensive examination or complete at least six (6) hours of CSD 770 with a grade of "P." The program considers the thesis as an appropriate substitute for the comprehensive examination.
6. **Students Without a CSD Undergraduate Degree:** Students who have not completed an undergraduate program in speech, language and hearing must complete CSD 201, 205, 212, 213, 309, 327, 328, and 415.

## Graduate Progression and Retention Policies

1. A student must be in good standing to be admitted with Regular status to the program. Students without regular status who are taking any CSD course and who earn a grade of

"C" in any CSD course will not be admitted to the program until the course is retaken and passed with a grade of "B" or higher.

2. A student, regardless of status, who earns a "D" or an "F" grade in any CSD course will be dismissed from the CSD graduate program.
3. A student must earn a "B" grade or higher in each required course in the program to be eligible for progression. A student, *regardless of degree status*, who earns a "C" grade for any course will be put on academic program probation and must repeat the course at the next available opportunity without benefit of grade substitution. If a second "C" or lower grade is earned when the student repeats the course, the student will be dismissed from the program.
4. A student, regardless of status, who earns two "C" grades in one or more courses in their degree plan, regardless of course credit, will be dismissed from the program.
5. A student cannot withdraw from more than two graduate courses (i.e. In the same or two different classes). More than two Ws may result in dismissal from the program. The program reserves the right to investigate situations which may affect the student's ability to function in an appropriate and professional manner in accordance with CSD's **Academic and Ethical Standards** and **Essential Functions and Technical Standards**. Students who are deemed to violate CSD's policies will be required to meet with the program's standing Academic Review Committee to determine whether an intervention plan is appropriate.
6. Intervention will be offered to students on a case-by-case basis and is dependent on the nature of the situation. Students who are offered individualized intervention plans and who fail to meet the requirements of the intervention will be dismissed from the program. Students who violate the program's Academic and Ethical Standards policy may be dismissed from the program without benefit of intervention.
7. Students who do not demonstrate, at any point of the program, one or more of the Essential Functions may be referred to a medical specialist for an examination and explanation of condition(s) related to one or more essential functions. Medical clearance may be required in order for the faculty to determine the student's eligibility to continue in the program.

## Counseling College of Nursing and Health Sciences Leading to the Degree of Master of Science (M.S.)

### Counseling Program Overview

The Counseling Program at Southeastern Louisiana University is designed to prepare graduates for professional practice in the field of counseling. There are three program concentration curricula in the Counseling Program (School Counseling, Clinical Mental Health Counseling, and Marriage, Couple, and Family Counseling). All program concentrations are nationally accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). Graduates of all concentrations meet the current academic requirements for state licensure as a Licensed Professional Counselor (LPC) in Louisiana as well as most other states.

### Admission Requirements

To be considered for admission to the Counseling master's degree program an applicant must:

1. Initially satisfy all Southeastern Louisiana University graduate admission requirements (Consult the Southeastern General Catalogue for admission requirements).
2. Complete nine (9) hours of undergraduate or graduate study in behavioral studies (eg. psychology, sociology, social work, etc.) and three (3) hours in statistics.
3. Obtain a combined GRE score of at least 279 AND hold a 2.8 G.P.A. (cumulative or last 60 hours).
4. Submit a completed application portfolio to the Counseling Program Admissions Committee by the specified due date, which includes the following:
  - a. A letter requesting consideration for program admission to a Counseling Program concentration (School Counseling, Clinical Mental Health Counseling, or Marriage, Couple, and Family Counseling), including the applicant's reasons for selecting that particular program concentration.
  - b. A current resume including full name, address, phone numbers, e-mail address, academic experiences, prior related work experiences, degrees held, honors, awards, special interests, and other appropriate information.
  - c. Three (3) reference forms from individuals familiar with the applicant's academic abilities and potential for success as a professional counselor.
  - d. An autobiographical narrative showing evidence of life experiences and personal maturity indicating appropriateness for the counseling field.
5. Upon evaluation of program application portfolios, qualified applicants will be invited to participate in a mandatory one-day Admissions interview. (At the discretion of the Counseling Program Admissions Committee, international students, or individuals residing in distant states may be afforded a telephone interview in lieu of participation in the one-day on-campus interview.)

### Program Application Admission Deadlines

The application portfolio submission due date for consideration for admission to the counseling program in the summer or fall semester of each year is April 1. The submission due date for the application portfolio for fall admission is June 30. Applicants for fall admission may apply for either the April 1 or June 30 deadline. The submission due date for the application portfolio for program admission in the spring semester of each year is November 1. All materials must be received by the Graduate Coordinator by these dates in order for the applicant to be considered for the admissions interview.



## Admission Notification

Admission to the counseling program and each program concentration is selective and requires a favorable evaluation by the Counseling Program Admissions Committee. Within two weeks after participation in the program admission interview, applicants will be notified that they are either accepted for admission or not accepted for admission.

## Guest Student Policy

Enrollment in counseling courses (i.e., COUN, MCFC, or SAC) is limited to those formally admitted to the Counseling Program with the following exceptions: (1) Graduates of Southeastern's Counseling Program may take any counseling class; (2) Graduates of other CACREP Counseling Programs may take any non-clinical class; (3) Graduates of Non-CACREP Counseling Programs who are Certified School Counselors, LPCs, or PLPC/PLMFT Interns may take any non-clinical class; (4) Counseling students currently enrolled at other universities may be allowed to take non-clinical courses provided they meet all of the following: [a] combined GRE score of at least 279, [b] 2.8 G.P.A (cumulative or last 60 hours), [c] no earned counseling grade below a "C"; [d] no more than two grades of "C" earned in counseling courses. Course approval is granted on a semester-by-semester basis. If classes are full, Guest Students cannot be admitted. A complete overview of the application process can be found at the program's website: [www.selu.edu/counseling](http://www.selu.edu/counseling).

## Counseling Program Concentration Curricula

### Counseling Program Core Courses – 39 hours (Required for all concentrations.)

COUN 600.....	3 hours
COUN 601.....	3 hours
COUN 604.....	3 hours
COUN 608.....	3 hours
COUN 625.....	3 hours
COUN 603.....	3 hours
COUN 605+.....	3 hours
COUN 607.....	3 hours
COUN 609.....	3 hours
COUN 610.....	3 hours
COUN 642.....	3 hours
SAC 619.....	3 hours
MCFC 621.....	3 hours

+A grade of "B" or better required.

### Clinical Mental Health Counseling (21 hours) – Specialty Concentration

COUN 613.....	3 hours
COUN 627.....	3 hours
COUN, MCFC, or SAC Elective.....	3 hours
MCFC 626.....	3 hours
COUN 683.....	3 hours
COUN 693.....	6 hours

Only 1 course per semester can be taken with internship

### Marriage, Couple, and Family Counseling (21 hours) – Specialty Concentration

COUN, MCFC, or SAC Elective.....	3 hours
MCFC 622.....	3 hours
MCFC 626.....	3 hours
COUN 627.....	3 hours
MCFC 683.....	3 hours
MCFC 693.....	6 hours

Only 1 course per semester can be taken with internship

**School Counseling (21 hours) – Specialty Concentration**

COUN 627.....	3 hours
COUN, MCFC, or SAC Elective.....	3 hours
COUN 611.....	3 hours
COUN 623.....	3 hours
COUN 680.....	3 hours
COUN 690.....	6 hours

Only 1 course per semester can be taken with internship

## Curriculum and Instruction College of Education Leading to the Degree of Master of Education (M.ED.)

### Purposes

The purposes of the Master of Education in Curriculum and Instruction are to:

1. Prepare highly qualified and effective teachers for Louisiana's PK-12 schools.
2. Provide candidates with opportunities to develop pedagogical content knowledge, content knowledge in their area(s) of certification, and competencies reflecting the knowledge skills and dispositions to reach their full potential.
3. Develop candidates' capabilities to provide professional services and leadership in schools, school districts, and professional organizations.
4. Offer curriculum and instruction for earning a master's degree that is guided by the high standards of the College of Education Conceptual Framework and other state and national standards.
5. Provide intensive study in candidates' selected areas of concentration.
6. Enhance the candidates' potential for serving students, parents, colleagues, and others in the educational community.

### Admission Requirements

To be considered for admission to the Master of Education degree program, an applicant must:

1. Meet all University requirements, which include:
  - a. An application for admission.
  - b. Official transcripts from all colleges and universities attended.
  - c. Documentation of graduation with a baccalaureate degree (or its equivalent) from an accredited university.
  - d. Documentation of a minimum cumulative grade point average (GPA) of 2.5 (4.0 scale) for all undergraduate work attempted or a minimum GPA of 2.75 on all upper division undergraduate work attempted.
  - e. Documentation of satisfactory standing at the last institution attended.
  - f. A non-refundable fee to the Controller's Office prior to the established deadlines.
2. Submit a valid teaching certificate.
3. Submit a GRE score report
  - Eligibility is determined by the formula of  $(87 \times \text{GPA}) + (\text{GRE Verbal} + \text{GRE Quantitative}) =$  or greater than 520.

### Requirements for Degree

To receive the Master of Education degree, a student must:

1. Complete all requirements stated in the catalogue and the candidate's degree plan.
2. Satisfactorily complete a portfolio on PASS-PORT.
3. Satisfactorily complete all graduate work with a cumulative "B" average. Degree candidates must earn an average of "B" or better, both cumulative and in the major area of concentration, with not more than six (6) semester hours with a grade of "C" counted toward a degree. No credit below "C" will be accepted for graduate degree credit.
4. Satisfactorily complete a public presentation with oral defense of action research project.
5. Be recommended for the degree by the student's major professor.

### Curriculum

Curriculum and Instruction Courses

Core Courses .....	15 hours
Concentration Area Courses .....	9-18 hours

Support Courses .....	3-12 hours
Core Courses for Curriculum and Instruction (15 graduate hours)	
EDUC 601 .....	3 hours
EDUC 660 .....	3 hours
SPED 667 .....	3 hours
EDUC 693 .....	3 hours
EDUC 695 .....	3 hours
Total .....	15 hours

### Concentration Courses and Support Courses for Curriculum and Instruction

Twenty-one hours of Concentration Courses and Support Courses that meet the educational goals of candidates will be jointly determined by the faculty advisors and candidates. For candidates selecting a Secondary Education concentration, 12 hours must be taken in courses outside the College of Education. For candidates selecting the Middle School concentration, 12 hours must be taken in courses outside the College of Education.

#### Concentration in Early Childhood Education (Grades PK-3)

Concentration Area Courses	
EDUC 677 .....	3 hours
ECE 603 .....	3 hours
ECE 630 .....	3 hours
ECE 602 .....	3 hours
ECE 601 .....	3 hours
ECE 632 .....	3 hours
Support Courses .....	3 hours
One of the following: EDUC 699 or 678, or another approved course	

#### Concentration in Elementary Education

Concentration Area Courses	
Two of the following:	
EDUC 650, 651, 652, 654, or 655 .....	6 hours
One of the following:	
EDUC 657 or 678 .....	3 hours
SPED 600 .....	3 hours
One of the following:	
EPSY 601 or 605 .....	3 hours
EDUC 691 .....	3 hours
EPSY 603 .....	3 hours

#### Concentration in English as a Second Language

Concentration Courses	
EDUC 528 .....	3 hours
EDUC 516 .....	3 hours
EDUC 550 .....	3 hours
FLAN 501 .....	3 hours
Support Courses	
ENGL 524 .....	3 hours
ENGL 646, 577, or EDUC 654 .....	3 hours
EDUC 664 .....	3 hours
COMM 510 .....	3 hours

### Concentration in International Baccalaureate

Concentration Area Courses	
EDUC 692 .....	3 hours
SPED 600 .....	3 hours
One of the following:	
EPSY 602, 603, or 605 .....	3 hours
Support Courses: IB Educator Certificate: Diploma Programme	
IB 600 .....	3 hours
IB 610 .....	3 hours
IB 620 .....	3 hours
IB 630 .....	3 hours
Support Courses: IB Educator Certificate: Primary Years Programme	
IB 605 .....	3 hours
IB 615 .....	3 hours
IB 625 .....	3 hours
IB 635 .....	3 hours

### Concentration in Library Science

Concentration Area Courses	
LSED 501 or 610 .....	3 hours
LSED 502 .....	3 hours
LSA 503 .....	3 hours
LSA 504 .....	3 hours
LSA 505 .....	3 hours
LSA 580 .....	3 hours
Elective .....	3 hours

### Concentration in Literacy Education (Elementary/Secondary)

Concentration Area Courses	
EDUC 657/658 .....	3 hours
EDUC 661 .....	3 hours
EDUC 664 .....	3 hours
EDUC 678 .....	3 hours
EDUC 665/666 .....	3 hours
Support Courses	
EDUC 516 or 528 .....	3 hours
One of the following:	
EDUC 654, 677, 648, 691, 699, or EPSY 601, or another course related to literacy as approved	

### Concentration in Master Teacher Leader

Concentration Area Courses	
EDL 610 .....	3 hours
EDL 612 .....	3 hours
EDUC 690 .....	3 hours
EDUC 691 or 692 .....	3 hours
EDUC 675 .....	3 hours
EDUC 700 .....	3 hours
Support Course	
Approved Elective – must be in the content area .....	3 hours

### Concentration in Middle School Education (Grades 4-8)

Concentration Area Courses

EDUC 696 .....3 hours

Two of the following:

EDUC 650, 651, 652, or 654 .....6 hours

Support Classes

Choose two courses in Content Area #1 and two courses in Content Area #2.

**Content Area #1:** Choose two approved three-hour courses in a first content area: Mathematics, Language Arts, Science, or Social Studies. A list of approved course numbers/titles will be provided.

**Content Area #2:** Choose two approved three-hour courses in a second content area: Mathematics, Language Arts, Science, or Social Studies. A list of approved course numbers/titles will be provided.

### Concentration in Secondary Biology Education (Grades 6-12)

Concentration Area Courses

EDUC 692 .....3 hours

SPED 600 .....3 hours

One of the following:

EPSY 602, 603, or 605 .....3 hours

Support Courses .....12 hours

Choose 4 600-level courses from the Concentration Area of Science-Biology curriculum. (Refer to the Secondary Science curriculum.)

### Concentration in Secondary Chemistry (Grades 6-12)

Concentration Area Courses

EDUC 692 .....3 hours

SPED 600 .....3 hours

One of the following:

EPSY 602, 603, or 605 .....3 hours

Support Courses:

CHEM 621 or PHYS 621 .....3 hours

CHEM 622 or PHYS 622 .....3 hours

PHSC 631 .....3 hours

PHSC 635 .....3 hours

### Concentration in Secondary English Education (Grades 6-12)

Concentration Area Courses

EDUC 692 .....3 hours

One of the following:

EPSY 602, 603, or 605 .....3 hours

Support Courses

SPED 600 .....3 hours

ENGL 567 .....3 hours

ENGL 630 .....3 hours

ENGL 616 .....3 hours

ENGL 645 .....3 hours

### Concentration in Secondary Foreign Language Education (Grades 6-12)

Concentration Area Courses	
EDUC 692 .....	3 hours
One of the following:	
EPSY 602, 603, or 605 .....	3 hours
SPED 600 .....	3 hours
Support Courses .....	12 hours
Choose four graduate courses in a single foreign language.	

### Concentration in Secondary Mathematics Education (Grades 6-12)

Concentration Area Courses	
EDUC 692 .....	3 hours
SPED 600 .....	3 hours
One of the following:	
EPSY 602, 603, or 605 .....	3 hours
Support Courses .....	12 hours
Two of the following:	
MATH 510, 514, 517, 544, 550, 587, or 605	
Two of the following:	
MTED 622, 623, 625, or 626	

### Concentration in Secondary Social Studies (Grades 6-12)

Concentration Area Courses	
EDUC 692 .....	3 hours
SPED 600 .....	3 hours
One of the following:	
EPSY 602, 603, or 605 .....	3 hours
Support Courses	
Choose 4 courses from among the following:	
HIST 600, 602, 621, 655, 605, 606, 607, 610, 611, 625, 626, 627, and 630 (HIST courses may not be taken more than once for credit in this program.)	

## Educational Leadership and Technology College of Education Leading to the Degree of Master of Education (M.Ed.)

### Purposes

The purposes of the Department of Educational Leadership and Technology are:

1. To provide the best possible curricula and instruction to enable students to complete requirements for the degree(s) and/or certifications they are seeking at the University.
2. To develop the knowledge base of students in order to prepare them for leadership roles in the schools and communities.
3. To provide opportunities for personal achievement and the development of professional competence, technological expertise, integrity, intellectual curiosity, self-discipline, and ethical conscientiousness.
4. To help the student come to an understanding of the place of the individual in a pluralistic society.

### Program Description Program Overview

The Southeastern Louisiana University Master of Education degree in Educational Leadership is designed to provide the essential foundation for school administrators to assume the role of instructional leaders for effective school improvement. The program has been accredited by the National Policy Board for Educational Administration (NPBEA) and has met the School Leader certification requirements of the Louisiana State Department of Education.

Admission to the Educational Leadership program is highly selective and prospective students must meet all admissions criteria prior to admittance. Students will be allowed to enroll in courses in this degree curriculum only after formal admission to the program.

### Cohort Design

The applicants, once admitted to the program, will be assigned to a cohort. The applicant will remain with the cohort for the duration of the program to ensure the validity of the networking and collaboration built into the program design and approved by the State. Students will not be permitted to change cohorts for personal convenience. If a student misses a term of study, it is the responsibility of the student to contact the Program Director for reassignment to an existing cohort in order to complete the course of studies for the program.

### Admissions Requirements

Admission to the Educational Leadership program is highly selective and prospective students must meet all admissions criteria prior to admittance. Students will be allowed to enroll in courses in this degree curriculum only after formal admission to the program, following the admissions interview. To be considered for admission for a Master of Education degree in Educational Leadership, an applicant must initially satisfy all of the Southeastern Louisiana University graduate admission requirements.

**University:** The prospective student must apply for and be admitted to study at Southeastern Louisiana University and satisfy all other University graduate admission requirements including submission of official transcripts and GRE scores. The University application must be done online at: <http://www.southeastern.edu/apply/graduate/index.html>.

**Program:** Applicants must submit, to the Director of the Master's Program in Educational Leadership, a portfolio containing the following documents:



1. Letter of application that includes the applicant's reasons for selecting this particular career option.
2. Curriculum vita (resume') including the applicant's full name, address, telephone number(s), email address, student identification number (W#), academic preparation, prior related work and leadership experiences, degrees held, honors, awards, special interests, and other appropriate information.
3. Verification of a minimum 2.5 cumulative undergraduate grade point average.
4. Copy of valid teaching certificate.
5. Verification of a minimum of one successful year of teaching experience in either public or private schools.
6. Completed Recommendation Form from a school official who can attest to the applicant's leadership potential and likelihood of success in the program.
7. Memorandum of Understanding Form completed and signed by the designated school officials.
8. Mentor Information Form from a school official who will supervise the on-site field experiences.
9. Minimum score of 500 based on the formula (GPA x 85 + GRE = 500)\*  
\*Scores less than 500 will be considered on an individual basis.

**Admissions Decision:** Admission to the Educational Leadership program is selective and requires a favorable evaluation by the Leadership Admissions Committee and is contingent upon the receipt of all required application documents. When all admissions requirements have been met, the Graduate Coordinator will complete the necessary notification/acceptance papers for graduate admissions.

### Requirements for Completion of the Master of Education Degree in Educational Leadership

To receive the Master of Education degree in Educational Leadership, a student must:

1. Successfully complete all requirements stated in the degree plan with grades of "B" or better in all course work.
2. No grade below "B" will be accepted for graduate degree credit.
3. Successfully complete all field-based experiences and internship.
4. During the last semester of study, satisfactorily complete a comprehensive examination, to take the form of completion and defense of an electronic portfolio before the Leadership Faculty.
5. Successfully complete the School Leaders Licensure Examination.
6. Receive a favorable recommendation for the degree from the Educational Leadership faculty and the graduate coordinator.

### Louisiana's Certification Structure for Educational Leadership

All graduate competency-based degree preparation programs, graduate alternative certification programs, assessments, and continuing learning units shall be aligned with the following state and national standards:

- The Standards for School Principals in Louisiana.
- The Educational Leadership Constituent Council (ELCC) Standards for Advanced Programs in Educational Leadership, the standards used by the Council for the Accreditation of Educator Preparation (CAEP) for the university program reviews.

### Certification Levels

Teacher Leader Endorsement

- All educational leaders will progress through two levels of educational leader certification.
- An additional level of certification (Superintendent) is required for employment as a local district superintendent.

(See Louisiana Department of Education website for additional information at: <http://www.leadlouisiana.net/>.)

### Educational Leadership Curriculum

Semester 1:

EDL 610: Research Methods for Educational Leaders.....	3 hours
EDL 612: Fostering Vision and Leadership in Educational Environments .....	3 hours

Semester 2:

EDL 721: School Law .....	3 hours
EDL 702: School-Community Relations .....	3 hours

Semester 3:

EDL 642: School Personnel Administration .....	3 hours
EDL 625: Organizational Management .....	3 hours

Semester 4:

EDL 722: Curriculum Improvement Independent Research Study .....	3 hours
EDL 635: Supervision of Instruction in the Elementary and Secondary School .....	3 hours

Semester 5:

EDL 723: Leading Change in Educational Organizations.....	3 hours
EDF 600: Educational Research.....	3 hours

Semester 6:

EDL 725: Internship.....	3 hours
ETEC 615: Technology Studies for Educational Leaders.....	3 hours

Total .....	36 hours
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## English

### College of Arts, Humanities and Social Sciences

### Leading to the Degree of Master of Arts (M.A.)

#### Purposes

The purposes of the Department of English are to:

1. Provide training in research techniques and critical writing.
2. Provide intensive study in certain areas of specialization.
3. Prepare the student for teaching and/or doctoral study.
4. Encourage and support advanced study of the humanities.

#### Admission Requirements

##### Regular Admission

Any person admitted to the Master's program in English must hold a bachelor's degree. An applicant who receives regular admission status must also meet the following requirements:

1. Completion of twenty-four (24) semester hours of undergraduate English courses, at least twelve (12) of which must be at the Jr./Sr. level.
2. Submit a GRE score (verbal and quantitative). The department requires a 150 minimum score of the verbal portion of the GRE.
3. One of the following minimum graduate admission requirements based on the level of work completed at the time of application:
  - a. 2.50 GPA on the undergraduate degree, or
  - b. 2.75 GPA on the last two years (approximately 60-70 semester hours or 90-100 quarter hours) of upper-level undergraduate academic course work, or
  - c. 2.75 GPA on 30 or more semester hours undergraduate credit after earning the first bachelor's degree, or
  - d. 2.75 GPA on the last two years (approximately 60-70 semester hours or 90-100 quarter hours) of undergraduate academic course work and a 3.00 GPA on fewer than 24 hours graduate course work, or
  - e. 3.00 GPA on 24 or more graduate hours, or
  - f. An earned master's degree or higher level degree.

A student in a regular admission status is eligible for a graduate assistantship.

##### Provisional Admission

An applicant not satisfying the minimum GRE score and/or grade point average (GPA) may be admitted to a degree program as a provisional student if recommended by the graduate coordinator of the academic unit offering the degree program. Students below the GRE score of 148 on the verbal portion of the test and/or a GPA of 2.0 on the undergraduate degree will not be considered for provisional status. Students in provisional status must advance to regular status as prescribed by Graduate Studies rules outlined in the catalogue.

##### Contingent Admission

A student may be admitted in contingent status when needing the final transcript recording the bachelor's degree, GRE scores, and/or the completion of undergraduate course deficiencies. Students in contingent status must advance to regular status as prescribed by Graduate Studies rules outlined in the catalogue.

A student in the contingent status is eligible for a graduate assistantship. Continued eligibility for a graduate assistantship beyond the initial semester would require that any such graduate assistants advance to regular status by the completion of the initial semester. Students may not be moved from contingent status to provisional status. Failure to qualify for regular admission status will prevent the student from registering for the next semester.

**Non-Degree-Classified Admission and Unclassified Admission**

Students wishing to take graduate courses in English for purposes other than a graduate degree should review their options for Non-Degree-Classified Admission and Unclassified Admission as specified by Graduate Studies rules outlined in the catalogue.

No more than 9 hours earned by a student in the Provisional, Contingent, Non-Degree, or Unclassified Status may be counted towards a graduate degree, provided Graduate Studies approves the credit that is recommended by the appropriate graduate coordinator/director or graduate faculty advisor.

**Requirements for Degree**

The M.A. in English consists of a core of literary studies with choices for professional development in all areas of English Studies, including concentrations in Creative Writing, Language and Literacy, Professional Writing, and Publishing Studies. Students may choose between Thesis- and Non-Thesis options:

**Non-Thesis Option:** Complete at least thirty-six (36) hours of English in an individually-designed curriculum. With the approval of the advisory committee, the student may take a maximum of six (6) graduate hours in a related field. All students choosing the non-thesis option must complete the following course work:

1. English 648: Graduate Studies Seminar.
2. One theory and methods course: ENGL 475/575, 477/577, or 485/585.
3. English 595: Internship.
4. At least twenty-one (21) hours of course work at the 600-level.

**Thesis Option:** Complete at least thirty-six (36) graduate hours of English, including six (6) hours of graduate credit from ENGL 770. The thesis must demonstrate the student's ability to do research and must show acceptable literary workmanship in organization, style, and content. With the approval of the advisory committee, students may take a maximum of six (6) graduate hours in a related field. All students choosing the thesis option must complete the following course work:

1. English 648: Graduate Studies Seminar.
2. One theory and methods course: ENGL 475/575, 477/577, or 485/585.
3. English 595: Internship.
4. ENGL 770 (6 hours): Thesis.
5. At least eighteen (18) hours of course work at the 600-level.

**Concentrations:** Students choosing the thesis option may write a thesis as a required part of a concentration in one area of English studies. Students must also complete courses in advanced writing and methods for their area. With the approval of the advisory committee, students may take a maximum of six (6) graduate hours in a related field. Three concentrations are offered:

**Concentration in Creative Writing** – Requires the permission of the Coordinator of Creative Writing. All students choosing this concentration must complete the following course work:

1. ENGL 475/575: Introduction to Contemporary Criticism
2. ENGL 482/582: Intermediate Poetry Workshop
3. ENGL 483/583: Intermediate Fiction Workshop
4. ENGL 645: Creative Writing Workshop
5. ENGL 770 (6 hours): Thesis in Creative Writing

**Concentration in Language and Literacy** – Requires the permission of the Coordinator of Language and Literacy. All students choosing this concentration must complete the following course work:

Thesis:

1. ENGL 577: Foundations in Language and Literacy
2. ENGL 595: Internship
3. One course from the following: ENGL 620, 621, or 646
4. One course from the following: ENGL 564, 567, or 576

- ENGL 770 (6 hours): Thesis Research and Thesis

Non-Thesis:

- ENGL 577: Foundations in Language and Literacy
- ENGL 595: Internship
- One course from the following: ENGL 518, 620, or 646
- One course from the following: ENGL 620, 621, or 646
- Two courses from the following: 508, 524, 564, 567, or 576

**Concentration in Professional Writing** – Requires the permission of the Coordinator of Professional Writing. All students choosing this concentration must complete the following course work:

Thesis:

- ENGL 585: Foundations in Publishing Studies and Professional Writing
- ENGL 548: Advanced Technical and Professional Writing
- ENGL 595: Internship
- ENGL 651: Studies in Professional Writing
- Electives (3 hours): as approved by the concentration coordinator
- ENGL 770 (6 hours): Thesis Research and Thesis

Non-Thesis:

- ENGL 585: Foundations in Publishing Studies and Professional Writing
- ENGL 548: Advanced Technical and Professional Writing
- ENGL 594: Publishing in Digital Humanities
- ENGL 595: Internship
- ENGL 651: Studies in Professional Writing
- Electives (6 hours): as approved by the concentration coordinator

**Concentration in Publishing Studies** – Requires the permission of the Coordinator of Publishing Studies. All students choosing this concentration must complete the following course work:

- ENGL 585: Foundations in Publishing Studies and Professional Writing
- ENGL 592: Introduction to Literary and Technical Editing
- ENGL 549: History of the Book or ENGL 586: Document Production and Design
- ENGL 593: Practicum in Humanities Print Publishing or ENGL 594: Publishing in Digital Humanities
- ENGL 595: Internship
- ENGL 652: Studies in Publishing

All candidates for the M.A. in English must:

- Demonstrate knowledge of a foreign language or language structure either through six (6) hours of undergraduate course work in one language, through completion of an approved graduate-level course on language structures, through demonstrated knowledge of a major computer language (such as C++, XML, or Java), or through passing the Princeton examination. The language requirement is waived for international students whose native language is not English.
- Complete nine (9) hours of graduate course work in three broad literary periods: (1) ancient, medieval, and early modern literatures, (2) Eighteenth- and Nineteenth-Century literature, and (3) Twentieth-Century and contemporary literatures.
- Pass all parts of the M.A. comprehensive examination in English.

## Health and Kinesiology College of Nursing and Health Sciences Leading to the Degree of Master of Science (M.S.)

### Purposes

The purposes of the Department of Kinesiology and Health Studies are to:

1. Develop and enhance teaching skills, knowledge, and attitudes to enable students to become better teachers, supervisors, and administrators of health and kinesiology programs.
2. Develop and enhance scholarship and professional interest in health studies and kinesiology.
3. Promote the use of research by stimulating interest and developing skill in research techniques.
4. Provide an academic environment that will enable the gifted students to pursue more advanced study.
5. Provide opportunities for developing the skills necessary for working with students from varied backgrounds with diverse value systems.

### Admission Requirements

To be considered for admission to the Master of Science degree program in Health and Kinesiology, an applicant must meet the following criteria:

1. Meet all University admission requirements.
2. Submit a minimum combined Verbal and Quantitative score of 286 on the General Test of the GRE for regular admission. Students, who completed the General Test of the GRE prior to August, 2011 should contact the Graduate coordinator for specific admission criteria. A student not eligible for regular admission, but who scores a minimum of 281 (combined Verbal and Quantitative) on the General Test of the GRE may be admitted with provisional status. Students who fail to submit a GRE score will not be considered for admission.
3. Applicants for the Master of Science in Health and Kinesiology are required to have completed a baccalaureate degree and meet the requirements for the university and graduate studies. The undergraduate degree should be in health or kinesiology or a related field (e.g., nursing, dietetics, biology), or should have included adequate preparation for graduate study of health or kinesiology. Applicants whose undergraduate degree is in a field other than health and kinesiology may be required to complete a maximum of 21 hours of undergraduate courses as recommended by the department. All students are required to have completed 4 hours of human anatomy and physiology.
4. Grade Retention Policy: Any graduate student, regardless of degree status, who makes a grade of "D" or "F" or more than 6 hours of "C" grades in any course taken for graduate credit will be dismissed from the Kinesiology and Health Studies graduate program and will be ineligible to register for further graduate work in Kinesiology and/or Health Studies. A student dismissed from the program because of extenuating, non-academic reasons may appeal for readmission.
5. All applicants are required to have taken an undergraduate human anatomy and physiology course (lecture and lab).

### Requirements for Degree Exercise Science Concentration

**THESIS PROGRAM**—Complete thirty (30) hours in an approved combination of Kinesiology courses that include KINL 601, 606, 612, 614 or 621, 623 or 624, 625, 638, 644, 770.

**NON-THESIS PROGRAM**—Complete thirty-six (36) hours in an approved combination of Kinesiology courses that include KINL 601, 606, 612, 621, 623, 624, 625, 638, 644, and nine (9) hours of Kinesiology electives.

All candidates for a degree must complete a thesis or a satisfactory score on the comprehensive examination.

### Health Studies Concentration

**THESIS PROGRAM**—Complete thirty (30) hours in an approved combination of health studies courses including six (6) hours of thesis. Health studies courses must include HS 601, 606, 610, 637, 638 and 770.

**NON-THESIS PROGRAM**—Complete a minimum of twenty-seven (27) hours in an approved combination of health studies courses and up to nine (9) hours in an approved related field. Health Studies courses must include HS 601 and 606, 610, 637, and 638.

### Health Promotion and Exercise Science Concentration

**THESIS PROGRAM**—Complete thirty (30) hours of an approved combination of health and kinesiology courses, including six (6) hours of thesis. These courses must include HS 601, 606, 624, 636, 637 and 770; KIN 625, 644 and 638.

**NON-THESIS PROGRAM**—Complete thirty-six (36) hours of an approved combination of health studies and kinesiology courses that include HS 601, 606, 624, 635, 636 and 637; KIN 625, 644 and 638.

### Kinesiology Concentration

**THESIS PROGRAM**—Complete thirty (30) hours in an approved combination of kinesiology courses including six (6) hours of thesis. Courses must include Kinesiology 601, 606, and 770 and three courses in one interest area selected from Adapted Physical Education, Exercise Physiology, Exercise and Sport Psychology, Sport Management, or Motor Behavior and nine hours in approved courses.

**NON-THESIS PROGRAM**—Complete thirty-six (36) hours with a minimum of twenty-seven (27) hours in an approved combination of kinesiology courses and up to nine (9) hours in a related field. Kinesiology courses must include Kinesiology 601, 606, three courses in one interest area selected from Adapted Physical Education, Exercise Physiology, Exercise and Sport Psychology, Sport Management, or Motor Behavior, and at least two courses from each of two other interest areas listed above and Health Studies.

Courses linked to interest areas are: Adapted Physical Education-Kinesiology 591, 592, 593, 594; Exercise Physiology-Kinesiology 625, 638, 644; Motor Behavior-Kinesiology 612, 621; Exercise and Sport Psychology-Kinesiology 623, 624. Students requiring a third course in Motor Behavior or Exercise and Sport Psychology will select from Kinesiology 628, 629, 632, 634; Sport Management – Kinesiology 693, 695, 697.

## History

### College of Arts, Humanities and Social Sciences

### Leading to the Degree of Master of Arts (M.A.)

#### Purposes

The purposes of the Department of History and Political Science are to:

1. Increase the students' knowledge, train them in proper scholarly methods of research and writing, and prepare them for more effective teaching and for further graduate study.
2. Instruct students in the study of the past.

The purposes of the Master of Arts (M.A.) in History program are to:

1. Train students for careers in school teaching, government service, and business.
2. Prepare students for doctoral study in History.

#### Requirements for Admission

To be accepted for admission into the M.A. in History program, a student must:

1. Meet all University admission requirements.
2. Have satisfactorily completed at least 30 undergraduate hours of History.
3. Have a minimum cumulative grade point average (GPA) of 2.5 (4.0 scale) for all undergraduate course work attempted or a minimum cumulative GPA of 2.75 on all upper division undergraduate course work attempted.
4. Score a minimum of 290 (combined verbal and quantitative scores) on the General Test of the Graduate Record Exam (GRE).

Applicants for admission and for graduate assistantships should submit completed application forms, transcripts, and GRE scores by April 1. Applicants received after that date will be accepted, but priority in awarding assistantships and in scheduling graduate classes will be given to those who meet the April 1 deadline.

#### Degree Plan/Candidate Status/Application for Graduation

To remain in good standing in the M.A. in History program, all students must:

1. Obtain the Graduate Coordinator's approval for an individual degree plan prior to registering for their first semester of graduate course work. Changes in the degree plan may be made only with the Graduate Coordinator's approval.
2. Apply for status as a Candidate for the M.A. in History degree prior to completing 12 hours of graduate course work.
3. Apply for graduation by the appropriate deadline for the semester in which they will graduate.

#### Requirements for Registering for Courses

To register for courses in the M.A. in History curriculum, students must:

1. Have an approved up-to-date degree plan on file with the Department of History and Political Science.
2. Obtain the Graduate Coordinator's written authorization prior to registration each semester. Advising for all graduate courses is mandatory. After receiving authorization, students will then be registered in the department office.
3. Register during the early registration period for each semester. All 600-level courses in the M.A. in History curriculum have waiting lists. Students who do not register during the early registration period will have their names removed from the waiting lists for these courses.



## Requirements for the History Degree

To receive the Master of Arts (M.A.) in History degree:

1. Satisfactorily complete 36 hours of graduate course work in one of the following Options with course work as specified under Course Requirements.
  - a. Thesis Option
  - b. Non-Thesis Option
  - c. Public History Option<sup>1</sup>
  - d. Secondary Teaching Option<sup>2</sup>
2. Maintain a cumulative GPA of 3.0 on all course work.
3. Satisfactorily complete the Comprehensive Examination.
4. Satisfactorily complete an Internship if in the Public History Option.
5. Satisfactorily complete a Master's Thesis if in the Thesis Option.
6. Be recommended for the degree by the graduate faculty.
7. Meet all requirements within 6 years of enrolling in the M.A. in History Program.

**Required for All M.A. Candidates**

HIST 600: Historical Research.....3 hours

**American History (9-18 hours)**

HIST 605: America to 1800 .....3 hours  
 HIST 606: America 1800-1900 .....3 hours  
 HIST 607: America since 1900 .....3 hours  
 HIST 610: Southern History.....3 hours  
 HIST 611: Louisiana History .....3 hours  
 HIST 612: Seminar in American Military History .....3 hours

**European History (9-21 hours)**

HIST 630: Western Thought .....3 hours  
 HIST 641: Britain to 1485 .....3 hours  
 HIST 642: Britain since 1485 .....3 hours  
 HIST 643: Europe to 500.....3 hours  
 HIST 644: Europe 500-1500.....3 hours  
 HIST 645: Europe 1500-1815.....3 hours  
 HIST 646: Europe since 1815.....3 hours

**Elective (0-15 hours)**

HIST 602: Readings .....3 hours  
 HIST 621: Independent Study.....3 hours  
 HIST 698: Special Topics .....3 hours  
 POLI 600: Seminar: Special Topics in America Politics.....3 hours  
 POLI 610: Seminar: Special Topics in International Politics .....3 hours

**Required for Thesis-Option**

HIST 770: Thesis.....6 hours

**Required for Public History Option<sup>1</sup>**

HIST 637: Public History Internship .....6 hours

**Required for Secondary Teaching Option<sup>2</sup>**

EPSY 603: Classroom Management and Motivation.....3 hours  
 MAT 660: Specialty Area Learning Methods I: Secondary Education.....3 hours  
 MAT 661: Specialty Area Learning Methods II: Secondary Education.....3 hours

Total: .....36 hours

<sup>1</sup>Students in the Public History Option may also elect to do a Master's Thesis in addition to the required Internship.

<sup>2</sup>Students in Secondary Teaching Option may elect to simultaneously pursue Alternate Certification in Social Studies Education, counting Educational Psychology 603 (3 hours), MAT 660 (3 hours), and MAT 661 (3 hours) toward the 36 hours required for the M.A. in History. Candidates must be admitted separately to both the Alternate Certification and the M.A. in History program. Alternate Certification also requires 12-21 additional undergraduate hours: EDUC 212 (3 hours), EDUC 307 or 407 (3 hours), EDUC 472 (3 hours) EPSY 301 or 311 (3 hours), and EDUC 429 (6 hours) or EDUC 486 (9 hours) or a State Department of Education Waiver (0 hours). Students employed as Social Studies teachers may apply to have 6 hours (2 semesters) of Education 429: Practicum for Alternate Certification Program substitute for 9 hours (1 semester) of Education 486: Student Teaching in Secondary Schools. Students with 3 years of teaching experience in Social Studies may apply to the State Department of Education for a student teaching waiver. Candidates for Alternate Certification must pass the Praxis I and II and attain a 2.5 cumulative undergraduate GPA before being admitted into the program. If a student scores at least 22 on the ACT or a 1030 on the SAT or has a Master's degree in any discipline, the Praxis I is not required for admission into the Alternate Certification program. Note that the Practitioner's Licensee allowing students to teach while pursuing Alternate Certification is limited to 3 years. There is no limit for students who are not teaching while pursuing Alternate Certification; however, the M.A. in History must be completed within 6 years, and it is possible to complete both Alternate Certification and the M.A. in History in 3 years.

## Comprehensive Examination

During or after their last semester of course work, students must satisfactorily complete a Comprehensive Examination on three historical fields determined in consultation with the Graduate Coordinator and each consisting of questions from two faculty members with whom the student has completed course work. Possible fields include Europe to 1500 (since Britain), Europe since 1500 (including Britain), America to 1877, America since 1877, and Political Science. A student who passes all three fields will have completed the process. A student who fails one field will take an oral exam on that field within ten working days of the written examination. A student who fails the oral exam must retake and pass the exam on that field within one year of the original exam or be dismissed from the program.

## Master's Thesis

Students in the Thesis Option must defend their theses and receive approval from the Thesis Committee, Graduate Coordinator, Department Head, and the Dean of the College of Arts, Humanities and Social Sciences. Theses must conform to the style prescribed by the Graduate Council. Students must submit at least 2 copies of the final approved version to the Graduate Coordinator for binding by the Sims Memorial Library.

## Graduate Faculty

All faculty in the Department of History and Political Science who are members of the University Graduate Faculty are members of the department's graduate faculty and are eligible to teach graduate courses, supervise Master's Theses, serve on Thesis Committees, and participate in Comprehensive Examinations. The University Graduate Council must renew member status for graduate faculty every six years. Temporary graduate faculty status must be renewed annually; adjunct faculty must be renewed each semester.

## Graduate Coordinator

The Graduate Coordinator serves as academic advisor for all graduate students, supervises their progress toward the M.A. degree, approves all graduate degree plans, authorizes all students for registration in courses in the M.A. curriculum. The Graduate Coordinator supervises the work of all departmental graduate assistants, appoints the Major Professor, and Thesis Committee for students in the Thesis Option, and approved Internship sponsors for students in the Public History Option.

## Integrated Science and Technology College of Science and Technology Leading to the Degree of Master of Science (M.S.)

### Purpose

The Master's in Integrated Science and Technology (ISAT) is an interdisciplinary program that emphasizes applications of chemistry, computer science, industrial technology, mathematics, and physics in a career enhancement degree. This degree has been devised to meet the specific needs of students attending regional universities and desiring technical employment. This degree will prepare students for the workplace by giving them experience in applying their knowledge of mathematics and science to projects of interest to business and industry. Individuals with experience and training in technology will gain a deeper understanding of the science and mathematics used in their fields. Students will learn these problem-solving skills through a core of interdisciplinary project-oriented courses that will extend and broaden training in each of the academic areas.

Objectives of the Program: Students who complete the ISAT degree at Southeastern Louisiana University will be able to:

- Integrate information and concepts across different scientific and technical disciplines.
- Apply specialized knowledge from chemistry, computer science, industrial technology, mathematics, or physics to solve problems that are critical to future growth of local business and industry.
- Work effectively with people who possess various educational and experiential backgrounds.
- Use appropriate technology in communication, information and knowledge management, modeling, forecasting, and decision making.

Students in the ISAT program will take a core of interdisciplinary, project-oriented courses that will extend and broaden their training in science and technology. In the course of their studies, these students will learn to use current problem-solving approaches from mathematics, chemistry, physics, computer science and industrial technology to solve problems from a wide variety of business and industrial settings.

### Requirements for Admission

Applicants to the ISAT program must have completed an undergraduate degree program and have earned at least 30 semester hours in any combination of chemistry, computer science, industrial technology, mathematics, or physics to enter the program. Applicants must have a cumulative undergraduate GPA of at least 2.75, and a combined Verbal and Quantitative Score on the Graduate Record Exam of at least 290 on the new format. In addition to GRE score, applicants must submit a letter of application, two letters of recommendation and transcripts of previous undergraduate or graduate work.

### Academic Standards Policy

1. Any student in the ISAT program who earns a grade less than a "C" in any course in the ISAT curriculum or who earns more than one (1) "C" in the curriculum must present a written appeal to the Program Coordinator no later than 10 working days prior to the beginning of the next full semester. An Academic Standards Committee will review these appeals. This appeal should address the student's perception of the reasons for this grade and the reasons why he/she should be allowed to repeat the course and remain in the ISAT program. Failure to submit the written appeal according to the above timelines will be interpreted by the Committee as a declaration that the student does not wish to continue in the program.

2. The Committee will meet with the student and respond to the student's appeal in writing before the beginning of the next full semester.
3. The Committee may invite the instructor(s) of the course and/or any other personnel who may have supervised components of class work to attend the appeal for information purposes. There will be no other course present for the discussion.
4. The Committee will make one of the following recommendations to the students who submit a copy to the Dean of College of Sciences and Technology.
  - a. The student may repeat the course work with no ancillary conditions or restraints.
  - b. The student may repeat the course work but under certain specified condition, i.e., restricted course load, tutor or mentor help, etc.
  - c. The student will no longer be allowed to continue in the ISAT program.

### Degree Requirements

The generalist concentration ISAT degree requires a total of 33 semester hours consisting of 6 applied science seminars, 12 hours from the core courses, 6 hours in their area of concentration, 3 hours in courses that are cross-listed with their area of concentration, and 6 hours of research project or thesis work.

The specialist concentration ISAT degree requires a total of 36 semester hours consisting of 3 hours of the first applied seminar course, 9 hours from the second applied seminar course and the core course, 18 hours in their area of concentration, and 6 hours of thesis work.

**Proficiencies:** One of the most positive characteristics of the ISAT program is the diversity of the students. So that all students in the program can succeed, there will be provided for the students a web-based review of introductory material in each of calculus, chemistry, computer science, industrial technology, and physics. All students admitted to the program will be asked to demonstrate proficiency in calculus, chemistry, computer science, industrial technology, and physics during their first year in the program. Proficiency will be comparable to the level of knowledge of having passed an introductory undergraduate course or courses in the area.

### Curriculum for the Master of Science in Integrated Science and Technology Generalist Concentration

#### Core Courses

ISAT 600: Applied Science Seminar I .....	3 hours
ISAT 601: Applied Science Seminar II .....	3 hours

#### Four of the following six courses:

ISAT 615: Technology in Industry and Society.....	3 hours
ISAT 625: Applications of Computing in Science and Technology .....	3 hours
ISAT 635: Industrial Chemistry .....	3 hours
ISAT 645: Modeling for Science and Industry .....	3 hours
ISAT 655: Error and Risk Analysis.....	3 hours
ENGL 548: Advanced Professional and Technical Writing .....	3 hours

#### Discipline Specific Courses

Two courses in a chosen discipline.....	6 hours
<b>Electives:</b>	
One course cross-listed with chosen discipline .....	3 hours

#### Thesis/Research Project

One of the following:	
ISAT 770: Thesis or ISAT 771: Research Project .....	6 hours

Total.....	33 hours
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**Curriculum for the Master of Science in  
Integrated Science and Technology  
Specialist Concentration**

**Core Courses**

ISAT 600: Applied Science Seminar I .....3 hours

<sup>1</sup>Three of the following seven courses:

ISAT 601: Applied Science Seminar II .....3 hours

ISAT 615: Technology in Industry and Society .....3 hours

ISAT 625: Applications of Computing in Science and Technology .....3 hours

ISAT 635: Industrial Chemistry .....3 hours

ISAT 645: Modeling for Science and Industry .....3 hours

ISAT 655: Error and Risk Analysis .....3 hours

ENGL 548: Advanced Professional and Technical Writing .....3 hours

**Discipline Specific Courses**

**Electives:**

<sup>2</sup>Six courses in chosen discipline .....18 hours

**Thesis/Research Project**

One of the following:

ISAT 770: Thesis or ISAT 771: Research Project .....6 hours

**Total** .....36 hours

<sup>1</sup>You must choose three courses that are not in your discipline.

<sup>2</sup>At least four out of the six courses have to be at 600 level

**Core Courses:** The core courses meet the dual challenge of broadening and extending training in the individual areas as well as providing experience in applying these individual disciplines to the design and development of products and processes within business and industry. The core courses introduce elements that will pervade the entire program and unify, or connect, the components of the program of study. A unique aspect of the ISAT degree program is the seamless integration of the social context of science and technology throughout the program's curriculum. Students in this program will study all aspects of real systems regardless of their nature, including scientific, technical, social, informational and political characteristics.

**Concentrations:** Students will select as an area of concentration one of Chemistry, Computer Science, Industrial Technology, Mathematics, or Physics. All students are required to complete 6 hours of graduate courses from their area of concentration and 3 hours of courses cross-listed with their area of concentration. In addition, the program requires (18) hours of core courses and 6 hours of thesis or research project, ISAT 770 or 771.

**Thesis/Research Project:** Students are required to complete a thesis or research project that investigates a significant interdisciplinary, applications-oriented topic centered in the area of concentration. The degree program requires a total of 6 hours of credit in either ISAT 770 or ISAT 771. The topic for a thesis or research project is to be chosen at the completion of ISAT 601. The student will be directed by his or her Degree Committee in the choice of topic as well as choosing whether to do a thesis or a research project. The students must register for the departmental Thesis or Research Project courses for each semester the thesis or research project is in progress.

**Degree Committee:** Each candidate for the ISAT degree will have a Degree Committee that will work with the student to select his or her course of study and the project or thesis for the research component of the degree. Each Degree Committee will consist of two faculty members from the student's major area, one faculty member from an area also involved in the degree, and a representative from business or industry. A student's Degree Committee will be selected during the

student's first semester in the program. Research project topics will be chosen during the student's first year in the program, but after completion of the Applied Science Seminars. Students deemed to be making insufficient progress toward their degrees will be notified of the problems identified by the committee, and will be given up to one semester to make improvements.

**Scientific Computation Concentration:** It is a concentration in the specialist track. This concentration involves Chemistry, Computer Science, Mathematics and Physics. For the electives, the students need to take six out of the following courses: SC 671, SC 672, SC 673, SC 674, SC 675, SC 676, SC 677, and SC 678.

## Music

### College of Arts, Humanities and Social Sciences

### Leading to the Degree of Master of Music (M.MUS.)

#### Purposes

The purposes of the music program within the Department of Music and Performing Arts is to:

1. Provide professional preparation in music and teaching.
2. Provide a center of art, scholarship, and research.

#### Admission Requirements

For admission to the Master of Music degree program, the applicant must:

1. Meet all University admission requirements.
2. Demonstrate, by examination, skills and capacities in the following fields:
  - a. Theory-written, aural, and keyboard skills, including proficiency in sight singing and in melodic, harmonic, and rhythmic dictation.
  - b. The history and literature of music and the study of musical form.
  - c. The ability to play piano accompaniments and scores as needed in the work to be pursued.
  - d. Evidence of sufficient technical preparation and musicianship to satisfy demands of graduate studies in the fields of applied music. For singers, technical preparation includes diction.
3. Have a Bachelor of Music, Bachelor of Music Education, Bachelor of Arts in Music, or a Bachelor of Science in Music degree.
4. Have performed a Senior Recital to be admitted to the Master of Music in Performance degree program.

#### Requirements for Degree

The Master of Music degree is granted with concentrations in music theory, performance, instrumental conducting, and choral conducting.

**Music Theory** – Complete thirty-three (33) hours in Music as follows: Eighteen (18) hours of theory (to include Music 661 and 770), six (6) hours of music history and literature (to include Music 641), Music 555, three (3) hours of ensembles (to include Music 643), and three (3) hours of electives.

**Performance** – Complete thirty-six (36) hours of Music as follows: six (6) hours of music theory (to include Music 661), six (6) hours of music history and literature (to include Music 641), Music 555, nine (9) hours of 600-level applied music, Music 642 (a major project and paper related to the graduate recital), three (3) hours of ensembles (to include one [1] hour of Music 643), Music 650, and three (3) hours of Music electives.

Each graduate student is required to enroll in a major ensemble during each semester of full-time registration, and each graduate performance major is required to enroll in the appropriate applied music course during each semester of full-time registration, as per the "Ensemble Experience Requirements" policy detailed in the College of Arts, Humanities, and Social Sciences section of the Catalogue (Department of Music and Performing Arts). No more than three (3) hours of Music 643 and/or ensemble will be considered within the degree plan, though more may be accumulated as a full-time student.

The candidate's committee may require additional course work.

## Master of Music - Concentration in Instrumental Conducting

Instrumental Conducting – Complete thirty four (34) hours of music as follows: Twelve (12) hours of instrumental conducting, score-reading, and wind band literature (to include MUS 650, 652, 654, and 656), MUS 661, MUS 641, MUS 555, and MUS 642 (a major project and paper related to the graduate recital), four (4) hours of ensembles, MUSA 650, and three (3) hours of music electives.

### Requirements for Degree

Complete thirty-four (34) hours as follows:

Music Theory (MUS 661).....	3 hours
Music History and Literature (MUS 641 or MUS 553) .....	3 hours
Research in Music (MUS 555).....	3 hours
Graduate Project in Music (MUS 642) .....	3 hours
Graduate Recital in Music (MUSA 650) .....	3 hours
Score Study and Analysis – Instrumental (MUS 650).....	3 hours
Wind Band Literature (MUS 652).....	3 hours
Advanced Instrumental Conducting I (MUS 654) .....	3 hours
Advanced Instrumental Conducting II (MUS 656) .....	3 hours
Music Elective .....	3 hours
Music Ensemble (MUS 525).....	4 hours

### First Year of Study

#### Semester One

Research in Music (MUS 555).....	3 hours
Seminar in Music History and Literature (MUS 641) .....	3 hours
Advanced Instrumental Conducting I (MUS 654) .....	3 hours
Wind Symphony (MUS 525) .....	1 hour
<b>Total: 10 hours / 10 accumulated</b>	

#### Semester Two

Music Theory (MUS 661).....	3 hours
Advanced Instrumental Conducting II (MUS 656) .....	3 hours
Graduate Project in Music (MUS 642) .....	3 hours
Wind Symphony (MUS 525) .....	1 hour
<b>Total: 10 hours / 20 accumulated</b>	

### Second Year of Study

#### Semester Three

Score Study and Analysis – Instrumental (MUS 650).....	3 hours
Music Elective .....	3 hours
Wind Symphony (MUS 525) .....	1 hour
<b>Total 7 hours / 27 accumulated</b>	

#### Semester Four

Graduate Recital in Music (MUSA 650) .....	3 hours
Wind Band Literature (MUS 652) .....	3 hours
Wind Symphony (MUS 525) .....	1 hour
<b>Total: 7 hours / 34 accumulated</b>	



## Master of Music – Concentration in Choral Conducting

Choral Conducting – Complete thirty four (34) hours of music as follows: Twelve (12) hours of choral conducting, score-reading, and choral literature (to include MUS 651, 653, 655, and 657), MUS 661, MUS 641, MUS 555, and MUS 642 (a major project and paper related to the graduate recital), four (4) hours of ensembles, MUSA 650, and three (3) hours of music electives.

### Requirements for Degree

Complete thirty-four (34) hours as follows:

Music Theory (MUS 661).....	3 hours
Music History and Literature (MUS 641 or MUS 553) .....	3 hours
Research in Music (MUS 555).....	3 hours
Graduate Project in Music (MUS 642) .....	3 hours
Graduate Recital in Music (MUSA 650) .....	3 hours
Score Study and Analysis – Choral (MUS 651).....	3 hours
Choral Literature (MUS 653).....	3 hours
Advanced Choral Conducting I (MUS 655) .....	3 hours
Advanced Choral Conducting II (MUS 657) .....	3 hours
Music Elective .....	3 hours
Music Ensemble (MUS 538/MUS 539) .....	4 hours

### First Year of Study

#### Semester One

Research in Music (MUS 555).....	3 hours
Seminar in Music History and Literature (MUS 641) .....	3 hours
Advanced Choral Conducting I (MUS 655) .....	3 hours
Concert Choir or Women's Chorale (MUS 538/MUS 539).....	1 hour
<b>Total:</b>	<b>10 hours / 10 accumulated</b>

#### Semester Two

Music Theory (MUS 661).....	3 hours
Advanced Choral Conducting II (MUS 657) .....	3 hours
Graduate Project in Music (MUS 642) .....	3 hours
Concert Choir or Women's Chorale (MUS 538/MUS 539).....	1 hour
<b>Total:</b>	<b>10 hours / 20 accumulated</b>

### Second Year of Study

#### Semester Three

Score Study and Analysis – Choral (MUS 651).....	3 hours
Music Elective .....	3 hours
Concert Choir or Women's Chorale (MUS 538/MUS 539).....	1 hour
<b>Total:</b>	<b>7 hours / 27 accumulated</b>

#### Semester Four

Graduate Recital in Music (MUSA 650) .....	3 hours
Choral Literature (MUS 653).....	3 hours
Concert Choir or Women's Chorale (MUS 538/MUS 539).....	1 hour
<b>Total:</b>	<b>7 hours / 34 accumulated</b>

**Master of Music – Concentration in Music Theory**

Theory – Complete thirty-three (33) hours in Music as follows: Eighteen (18) hours of theory (to include Music 661 and 770), six (6) hours of music history and literature (to include Music 641), Music 555, three (3) hours of ensembles (to include Music 643), and three (3) hours of electives.

**Requirements for Degree**

Complete thirty-three (33) hours as follows:

Music Theory (MUS 661).....	3 hours
Thesis (MUS 770) .....	6 hours
Music Theory and Composition Electives .....	9 hours
Music History and Literature (MUS 641) .....	3 hours
Music History and Literature Elective.....	3 hours
Research in Music (MUS 555).....	3 hours
Graduate Performance Practicum (MUS 643).....	1-3 hours
Music Ensembles .....	2 hours
Music Elective .....	3 hours

**First Year of Study**

Semester One

Research in Music (MUS 555).....	3 hours
Music Theory (MUS 661).....	3 hours
Music History and Literature (MUS 641) .....	3 hours
Total: 9 hours / 9 accumulated	

Semester Two

Music Theory and Composition Elective .....	3 hours
Music History and Literature Elective.....	3 hours
Music Elective .....	3 hours
Music Ensemble .....	1 hour
Total: 10 hours / 19 accumulated	

**Second Year of Study**

Semester Three

Music Theory and Composition Elective .....	3 hours
Graduate Performance Practicum .....	1-3 hours
Music Ensemble .....	1 hour
Total 5 hours / 24 accumulated	

Semester Four

Music Theory and Composition Elective .....	3 hours
Thesis .....	6 hours
Total: 9 hours / 33 accumulated	

## Master of Music – Concentration in Performance

Performance – Complete thirty-six (36) hours of Music as follows: six (6) hours of music theory (to include MUSIC 661), six (6) hours of music history and literature (to include Music 641), Music 555, nine (9) hours of 600-level applied music, Music 642 (a major project and paper related to the graduate recital), three (3) hours of ensembles (to include one (1) hour of Music 650, and three (3) hours of Music electives

### Requirements for Degree

Complete thirty-six (36) hours as follows:

Music Theory (MUS 661).....	3 hours
Music Theory and Composition Electives .....	3 hours
Music History and Literature (MUS 641 or MUS 553) .....	3 hours
Music History and Literature Elective.....	3 hours
Research in Music (MUS 555).....	3 hours
Directed Individual Study (MUS 642).....	3 hours
Applied Music.....	9 hours
Recital (MUSA 650).....	3
hours.....	1-3 hours
Graduate Performance Practicum (MUSA 643) .....	1-3 hours
Music Ensembles .....	2 hours
Music Elective .....	3 hours

### First Year of Study

#### Semester One

Applied Music.....	3 hours
Music Ensemble .....	1
hour.....	3 hours
Research in Music (MUS 555).....	3
hours .....	3 hours
Music Theory (MUS 661) .....	3 hours
Total: 10 hours / 10 accumulated	

#### Semester Two

Applied Music.....	3 hours
Music Ensemble .....	1 hour
Music History and Literature (MUS 641 or MUS 553) .....	3 hours
Music Elective .....	3 hours
Total: 10 hours / 20 accumulated	

### Second Year of Study

#### Semester Three

Applied Music.....	3 hours
Graduate Performance Practicum (MUS 643).....	1-3 hours
Music History and Literature Elective.....	3 hours
Total 7 hours / 27 accumulated	

#### Semester Four

Recital (MUSA 650).....	3 hours
Directed Individual Study (MUS 642).....	3 hours
Music Theory and Composition Elective .....	3 hours
Total: 9 hours / 36 accumulated	

Each graduate student in the Music Theory and Music Performance Concentrations are required to enroll in a major ensemble during each semester of full-time registration, and each graduate performance major is required to enroll in the appropriate applied music course during each semester of full-time registration, as per the "Ensemble Experience Requirements" policy detailed in the College of Arts, Humanities and Social Sciences section of the Catalogue of Music and Performing Arts. No more than three (3) hours of MUS 643 and/or ensemble will be considered within the degree plan, though more may be accumulated as a full-time student.

The candidate's committee may require additional course work.

## Nursing

### College of Nursing and Health Sciences

### Leading to the Degree of Master of Science in Nursing (M.S.N.)

#### Intercollegiate Consortium for a Master of Science in Nursing

#### Description of the Program

The Intercollegiate Consortium for a Master of Science in Nursing program (ICMSN) is a cooperative venture among the nursing units at Southeastern Louisiana University, McNeese State University, Nicholls State University, and the University of Louisiana at Lafayette. The ICMSN is accredited by the Commission on Collegiate Nursing Education (CCNE), 1 Dupont Circle, NW Suite 530, Washington DC, 202-887-6791.

The consortium structure allows students to enroll in courses at any one of the participating universities and receive credit toward the master's degree. Southeastern Louisiana University, McNeese State University, Nicholls State University, and the University of at Louisiana at Lafayette offer concentrations in Family Nursing, Nursing Education, Nursing Administration, and Psychiatric/Mental Health Nursing. The advanced nursing role concentrations offered through the consortium are nursing administration, nursing education, and nurse practitioner. Students successfully completing the MSN curriculum at Southeastern Louisiana University meet educational requirements to take the following national certification examinations:

- Nurse Practitioner Role: Family Nurse Practitioner, or Psychiatric/Mental Health Nurse Practitioner
- Nursing Executive Role: Nursing Administration Advanced
- Nursing Educator Role: Nursing Education

#### Purposes

The purposes of the Master of Science in Nursing program are to:

1. Provide a base in nursing theory, nursing research, and issues relative to advanced nursing practice.
2. Provide for advanced clinical specialization in Family Nursing or Psychiatric/Mental Health Nursing.
3. Provide for advanced role preparation as a nurse practitioner, nurse executive, or nurse educator.

#### Admission Requirements

All materials must be submitted, for review, by the deadline posted on the graduate nursing website, [www.southeastern.edu/graduatenuersing](http://www.southeastern.edu/graduatenuersing), for consideration to begin course work.

##### A. Regular Admission

1. A baccalaureate degree in nursing from an accredited undergraduate nursing program.
2. Transcripts from undergraduate school and any work attempted at the graduate level. Applicants must be in Satisfactory standing in graduate nursing program at last institution attended (if applicable).
3. Curriculum vita (resume) including the applicant's full name, address, telephone number(s), e-mail address(es), academic preparations, degrees held, honors, awards, special interest, work history, and other relevant information.
4. A minimum cumulative grade point average of 2.7 on 4.0 scale for all undergraduate work including courses repeated as indicated by a transcript.
5. Submit a GRE Score for Verbal Reasoning and Quantitative Reasoning. ETS has changed the GRE scoring methodology as of 8/1/11. Please check with your graduate advisor for details regarding GRE requirements for admission.

6. Evidence of a valid, unencumbered Louisiana Registered Nurse license.
7. Completion of a course in introductory statistics with a minimum grade of "C" or equivalent.
8. Documentation of Physical Assessment skills for the following roles: Nurse Practitioner and Nurse Educator.
9. Letters of recommendation.
10. A statement of intent/purpose with rationale for pursuing study in selected concentration.

During the first semester of enrollment of regular admission the student must:

1. File a degree plan with the departmental graduate coordinator in accordance with the General Requirements for the Master's Degree in the Graduate Studies section of the General Catalogue.
  2. Submit a complete history and physical examination.
  3. Submit current certification in CPR (every 2 years), submit annual TB results, and obtain immunizations determined appropriate by the Graduate Nursing Program.
  4. Submit a negative drug screen.
  5. Submit an acceptable background check.
- B. Contingent Admission
- A graduating senior in an accredited BS nursing program may be admitted in contingent status and may register for graduate credit if he/she meets the criteria of Graduate Studies.
  - A student may be admitted in contingent status when lacking the final transcript showing completion of a degree or when a satisfactory GRE score is not provided. Failure to qualify for regular admission status before the second semester of course work will prevent the student from registering for the next semester.
- C. Non-Degree Classified Admission
- Applicants not granted regular admission due to their GRE score may be allowed to register for graduate nursing courses in the non-degree classified status for one semester. Priority for registering for graduate nursing courses is provided to regular admission status students.

### Retention and Progression Requirements

- A student must earn a "B" in each course in the program to be eligible for progression.
- A student who earns a grade below a "B" will be placed on probation and must repeat the course within two regular semesters and earn at least a "B." If a grade below "B" is earned in the subsequent course, the student will be dismissed from the program.
- A student who earns more than two grades of "W" in the program is not eligible for progression. A student may appeal progression for extenuating circumstances. "W" grades received as the result of an approved resignation from the University are not included in this calculation.
- A graduate student who makes a grade of "D" or "F" in any course taken for graduate credit will be ineligible to register for further graduate work. A student who receives a "D" or "F" because of extenuating, non-academic reasons may appeal for readmission.
- Prior to beginning any clinical/practicum course, the student must have evidence of one year of clinical practice experience in an area appropriate to the specialty concentration as an R.N.
- The School of Nursing reserves the right to investigate situations which may affect the student's ability to function. In addition, a physician's release may be required. Students who have health conditions that may prevent their meeting the objectives of the program or a course in the program or that may cause potential injury to that student or to the clients for whom they care, will be required to have a personal interview with the Department Head or Dean or with an appropriate School of Nursing Committee.
- Drug testing will be required.

- Students enrolled in practicum graduate courses are required to maintain current certification in CPR and meet other agency requirements.
- Any student who does not enroll in graduate nursing courses toward a degree for 2 consecutive regular semesters must reapply to the program. For reconsideration, students must submit any transcripts reflecting course work elsewhere during that time.

### Admission Procedures

Students entering the Consortium must apply to the University and to Southeastern Graduate Nursing Program at the same time. See the Admission to the University section for application deadlines and fees.

### Registration Procedures

- Registration for core and role courses will be held at each consortium institution according to their published dates and procedures. An advisor at each institution is available to assist students. Information and downloadable forms are available from the School of Nursing webpage, [www.southeastern.edu/graduatenuersing](http://www.southeastern.edu/graduatenuersing).
- The fees assessed a student will be those in effect at the institution offering the course(s) for which the student is registering. A Professional Degree fee will be assessed each semester of coursework. Students will also be assessed fees for proctored testing of online courses.
- All courses offered are subject to resources available and sufficient student enrollment.
- Full-time degree plans require from 7-10 credit hours per semester; part-time degree plans require 6 credit hours per semester.
- For limited course slots, preference will be given to regular admission status.

### Graduation Requirements

Graduation from any of the member institutions is based on the satisfactory completion of an approved program of studies. In addition, students must meet all requirements of the institution from which specialty courses are taken.

### Residency Requirements

All credit hours earned at any of the consortium institutions are applicable to residency requirements at each member school.

### Requirements for Degree

To receive the Master of Science in Nursing (MSN) degree with a specialty concentration, the student must:

1. Complete all the requirements of the degree plan, including:
  - a. A minimum of 40-43 credit hours for the Nurse Education concentration.
  - b. A minimum of 38-41 credit hours for the Nurse Executive concentration.
  - c. A minimum of 42-45 credit hours for the Family Nurse Practitioner.
  - d. A minimum of 48-51 credit hours for the Psychiatric/Mental Health Nurse Practitioner concentration.
2. Complete a Focused Scholarly Project or a Thesis.
3. Achieve a grade of "B" or better in each course.

## Concentrations

**Concentration: Nursing Education** – Complete 40-43 credit hours. The required courses are:

**Semester 1**

NURS 600: Theoretical Foundations of Advanced Nursing.....	3 hours
NURS 605: Applied Statistics for the Health Sciences .....	3 hours
NURS 618: Pathophysiology for Advanced Practice .....	3 hours
NURS 634: Nursing Education: Roles, Issues, and Foundations .....	3 hours

**Semester 2**

NURS 602: Generating Evidence for Nursing Practice .....	3 hours
NURS 607: Health Assessment and Diagnostic Reasoning for Advanced Practice.....	3 hours credit/60 hours lab
NURS 617: Pharmacotherapeutics for Advanced Practice.....	3 hours
NURS 635: Curriculum and Program Development .....	3 hours

**Semester 3**

NURS 636: Teaching Methodologies and Technologies .....	3 hours
NURS 670: Measuring Outcomes in Nursing Education .....	3 hours
NURS 695: Focused Scholarly Project or NURS 699 Thesis .....	3 hours

**Semester 4**

NURS 609: Population Based Primary Care.....	3 hours
NURS 639: Advanced Nursing Education Practicum .....	4 hours credit/225 hours practicum
* NURS 699: Thesis (if chosen) .....	3 hours

Total Credit Hours 40

Total Clinical Hours 225

Total Hours if Thesis is Chosen 43 credit hours/225 practicum hours

**\*Note:** All students must complete either Thesis (NURS 699) OR Focused Scholarly Project (NURS 695). Students who elect to enroll in Thesis will earn a total of 6 credits. Students who elect to enroll in Focused Scholarly Project will earn a total of 3 credits.

**Concentration: Nurse Executive** – Complete 38-41 credit hours. Required courses are:

**Semester 1**

NURS 600: Theoretical Foundations of Advanced Nursing.....	3 hours
NURS 605: Applied Statistics for the Health Sciences .....	3 hours
NURS 646: Policy, Organization and Structure in Health Care Systems .....	3 hours

**Semester 2**

NURS 602: Generating Evidence for Nursing Practice .....	3 hours
NURS 648: Nurse Leadership/Management in Health Care Organizations.....	3 hours
NURS 649: Health Care Workforce Management.....	3 hours
NURS 654: Nurse Leadership and Administration Field Study I.....	2 hours credit/75 hours practicum

**Semester 3**

NURS 656: Legal and Regulatory Issues in Nursing Administration.....	3 hours
NURS 658: Fiscal and Economic Principles for Nurse Leaders .....	4 hours
NURS 655: Nurse Leadership and Administration Field Study II.....	2 hours credit/75 hours practicum
NURS 695: Focused Scholarly Project <u>OR</u> 699: Thesis .....	3 hours

**Semester 4**

NURS 659: Nurse Leadership and Administration Internship.....	3 hours credit/150 hours practicum
NURS 609: Population Based Primary Care.....	3 hours
NURS 699: Thesis (if chosen) .....	3 hours

Total Credit Hours 38

Total Clinical Hours 300

Total Hours if Thesis is Chosen 41 credit hours/300 practicum hours

**\*Note:** All students must complete either Thesis (NURS 699) OR Focused Scholarly Project (NURS 695). Students who elect to enroll in Thesis will earn a total of 6 credits. Students who elect to enroll in Focused Scholarly Project will earn a total of 3 credits.



**Concentration: Family Nurse Practitioner** – Complete 40-43 credit hours. The required courses are:

**Semester 1**

NURS 600: Theoretical Foundations of Advanced Nursing.....	3 hours
NURS 605: Applied Statistics for the Health Sciences .....	3 hours
NURS 618: Pathophysiology for Advanced Practice .....	3 hours

**Semester 2**

NURS 602: Generating Evidence for Nursing Practice .....	3 hours
NURS 607: Health Assessment and Diagnostic Reasoning for Advanced Practice .....	3 hours credit/60 hours laboratory
NURS 617: Pharmacotherapeutics for Advanced Practice.....	3 hours

**Semester 3**

NURS 609: Population Based Primary Care .....	3 hours
NURS 682: Advanced Practice Nursing: Family Health I .....	5 hours credit/180 hours practicum

**Semester 4**

NURS 683: Advanced Practice Nursing: Family Health II .....	5 hours credit/210 hours practicum
NURS 681: Business, Leadership and Health Policy for Nurse Practitioners .....	3 hours
NURS 695: Focused Scholarly Project <u>OR</u> NURS 699: Thesis .....	3 hours

**Semester 5**

NURS 684: Advanced Practice Nursing: Family Health III Practicum.....	5 hours credit/210 hours practicum
NURS 699: Thesis (if chosen) .....	3 hours

Total Credit Hours 42

Total Clinical Hours 600

Total Hours if Thesis is Chosen 45 credit hours/600 practicum hours

**\*Note:** All students must complete either Thesis (NURS 699) OR Focused Scholarly Project (NURS 695). Students who elect to enroll in Thesis will earn a total of 6 credits. Students who elect to enroll in Focused Scholarly Project will earn a total of 3 credits.

**Concentration: Psychiatric/Mental Health Curriculum; Nurse Practitioner** – Complete 48-51 credit hours. The required courses are:

**Semester 1**

NURS 600: Theoretical Foundations of Advanced Nursing.....	3 hours
NURS 605: Applied Statistics for the Health Sciences .....	3 hours
NURS 617: Pharmacotherapeutics for Advanced Practice.....	3 hours

**Semester 2**

NURS 602: Generating evidence for Nursing Practice .....	3 hours
NURS 607: Health Assessment and Diagnostic Reasoning for Advanced Practice.....	3 hours credit/60 hours laboratory
NURS 608: Diagnostic Considerations and Psychopharmacology for Psychiatric Disorders .....	3 hours

**Semester 3**

NURS 609: Population Based Primary Care .....	3 hours
NURS 618: Pathophysiology for Advanced Nursing Practice .....	3 hours
NURS 690: Psychotherapy for Advanced Practice Psychiatric Nursing (Fall Only) .....	3 hours credit/60 hours observation

**Semester 4**

NURS 691: Advanced Practice Nursing: Psych/Mental Health I (Spring Only) .....	5 hours credit/180 hours practicum
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**Semester 5**

NURS 692: Advanced Practice Nursing: Psych/Mental Health II (Fall Only).....	5 hours credit/210 hours practicum
NURS 681: Business, Leadership and Health Policy for Nurse Practitioners .....	3 hours
*NURS 695: Thesis (if chosen) .....	3 hours

**Semester 6**

NURS 693: Advanced Practice Nursing: Psych/Mental Health III (Spring Only) .....	5 hours credit/210 hours practicum
*NURS 695: Focused Scholarly Project or NURS 699: Thesis (if chosen) .....	3 hours
	Total Credit Hours 48
	Total Clinical Hours 600
	Total Hours if Thesis is Chosen 51 credit hours/600 practicum hours

**\*Note:** All students must complete either Thesis (NURS 699) OR Focused Scholarly Project (NURS 695). Students who elect to enroll in Thesis will earn a total of 6 credits. Students who elect to enroll in Focused Scholarly Project will earn a total of 3 credits.

Admission to the Family OR Family Psychiatric/Mental Health Nurse Practitioner concentration at Southeastern means that the MSN degree-seeking student is eligible to progress to the NP practicum courses when the following courses have been completed in the program of study.

- NURS 600: Theoretical Foundations of Advanced Nursing Practice (3 credit hours)
- NURS 602: Generating Evidence for Nursing Practice (3 credit hours)
- NURS 605: Applied Statistics for the Health Sciences (3 credit hours)
- NURS 607: Health Assessment and Diagnostic Reasoning for Advanced Practice (3 credit hours)
- NURS 617: Pharmacotherapeutics for Advanced Practice (3 credit hours)

### Post-Master’s Certificate Program

The Post-Master of Science in Nursing Certificate Program is offered through an affiliation with the Intercollegiate Consortium for a Master of Science in Nursing.

**Adult Nurse Practitioner to Family Nurse Practitioner**

This program is fully approved by the Louisiana State Board of Nursing and is accelerated, offering completion of the Post-Master’s Family Nurse Practitioner (FNP) Certificate in 14 weeks. This is a unique resource for meeting the needs of Nurse Practitioners seeking to be competitive not only in Louisiana but also in the regional health care market. The program enhances the educational options for master’s prepared nurses by providing an avenue for Louisiana nurse practitioners to meet their educational goals within the state of Louisiana rather than out of state.

**Candidates**

Nurses currently holding a master’s degree in nursing from a nationally accredited graduate nursing program and national certification as an Adult Nurse Practitioner are eligible to apply to the Post-Master’s FNP certificate program. This program will enhance the capabilities of existing nurse practitioners to care for patients across the lifespan. The Post-Master’s Certificate program will prepare the completers as Family Nurse Practitioners (FNP) and make them eligible to apply for an advanced practice FNP license and to take the National FNP certification. Formal application to the University is required.

Other factors considered for admission to the program include:

- A minimum graduate GPA of 3.00 as verified by transcript submission
- A current unencumbered registered nurse license in the State of Louisiana
- Two professional references
- Current resume

The didactic courses are offered online, and practicum courses have an online didactic component plus a clinical experience component (120 hours in each) in which the student works with an approved advanced practice preceptor guided by a graduate faculty. The curriculum for Family Nurse Practitioners includes:

**Term I**

NURS 650: Family Health I.....	3 hours
NURS 685: Family Health Practicum I.....	3 hours

**Term II**

NURS 688: Family Health II.....	3 hours
NURS 689: Family Health Practicum II.....	3 hours

Total Credit Hours 12 hours  
 Total Clinical Hours 240 hours

The sequence of courses is offered for three cohorts of students.

- Cohort 1: Term 1 (6 weeks) – Early January to mid-February  
 Term 2 (8 weeks) – Early March – Mid April
- Cohort 2: Term 1 (6 weeks) – Early May – mid June  
 Term 2 (8 weeks) – Mid June – Mid August
- Cohort 3: Term 1 (6 weeks) – Early September – Mid October  
 Term 2 (8 weeks) – Early November – End of December

**Nurse Practitioner to Psychiatric/Mental Health Nurse Practitioner**

This program is fully approved by the Louisiana State Board of Nursing and is accelerated, offering completion of the Post-Master’s Psychiatric/Mental Health Nurse Practitioner (PMHNP) Certificate in 4 semesters. Nurses currently holding a master’s degree in nursing from a nationally accredited graduate nursing program and a national certification as an Adult Nurse Practitioner, Family Nurse Practitioner, Geriatric Nurse Practitioner, Acute Care Nurse Practitioner, Women’s Health Nurse Practitioner, are eligible to apply to the Post-Master’s Psychiatric/Mental Health Nurse Practitioner (PMHNP) certificate program. The Post-Master’s Certificate Program will prepare completers as Psychiatric/Mental Health Nurse Practitioners (PMHNP) and make them eligible to apply for an advanced practice PMHNP license and to take the National PMHNP certification exam. Formal application to the University is required.

Other factors considered for admission to the program include:

- A minimum graduate GPA of 3.00 as verified by transcript submission
- A current unencumbered registered nurse license in the State of Louisiana
- Two professional references
- Current resume
- Transcript analysis and evaluation of prerequisite courses (i.e., Advanced Health Assessment, Advanced Pharmacotherapeutics and Advanced Pathophysiology) to determine adequacy of the full lifespan content

The didactic courses are offered online and practicum courses have an online didactic component plus a clinical experience component (120 – 240 hours in each) in which the student works with an approved advanced practice preceptor guided by a graduate faculty. The curriculum for Psychiatric/Mental Health Nurse Practitioners includes:

**Fall Semester I**

NURS 608: Diagnostic Considerations and Psychopharmacology for Psychiatric Disorders.....	3 hours
NURS 690: Psychotherapy for the Advanced Practice Nurse .....	3 hours

**Spring Semester I**

NURS 691: Advanced Practice Nursing: Psychiatric/Mental Health (PMH) I.....	5 hours
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**Fall Semester II**

NURS 692: Advanced Practice Nursing: Psychiatric/Mental Health (PMH) II .....5 hours

**Spring Semester II**

NURS 694: Advanced Practice Nursing: Psychiatric/Mental Health (PMH) III .....2 hours

Total Credit Hours .....18 hours

Total Clinical Hours .....600 hours

## Organizational Communication College of Arts, Humanities and Social Sciences Leading to the Degree of Master of Arts (M.A.)

### Purposes

The purposes of the Department of Languages and Communication are:

1. To prepare students for the modern workplace or doctoral study.
2. To provide training in communication theory and skills.
3. To acquaint students with the latest communication technologies.
4. To provide students with training in interpersonal communication skills.
5. To provide students with knowledge about how communication works within an organizational context.

The Master of Arts in Organizational Communication with concentrations in health communication, public relations, journalism, and sociology is designed to give communication students insights into communication problems and issues as they exist in those organizational settings and provide the knowledge, skills and tools to allow such to be addressed.

### Admission Requirements

To be considered for admission to the Master's in Organizational Communication, an applicant must:

1. Meet all University admission requirements.
2. Have a Bachelor of Arts or a Bachelor of Science degree from an accredited university. It is not essential that the undergraduate degree be in communication. For more information, please contact the department.
3. Possess a cumulative grade point average that was used to attain a bachelor's degree of no lower than 2.5.
4. For Regular Admission, take the GRE (Graduate Record Exam) and attain the following minimum scores: At least 148 (55<sup>th</sup> percentile) on the Verbal section and at least a 3.5 on the Written section.
5. For Provisional Admission, take the GRE (Graduate Record Exam) and attain the following minimum scores: A Verbal section score of 140-147 and a Written section score of at least 2.0 – 3.0. Provisional admission students become Regular Admission students when they complete 9 graduate hours with a 3.0 GPA or higher.
6. For international students, when required, a minimum TOEFL score of 525 or a minimum Internet-based TOEFL score of 75 must be attained.
7. Participate in an advising meeting with the graduate coordinator after completing the above requirements.
8. Obtain approval by the graduate coordinator, the Department Head, and/or the graduate faculty.

### Requirements for Degree

The Master of Organizational Communication is a non-thesis degree, requiring a total of 36 semester hours of graduate credit. Twenty-seven hours make up the program's core requirements and nine additional hours are to be taken as electives. The variety of courses included will allow the student to focus on a single area of interest. On the other hand, some students might wish to take a more general approach, spreading the electives over several areas.

A student who enters the program on a provisional basis may NOT receive a grade below a "B" while on provisional status in his or her first 9 hours (3 classes) or the student will be dismissed from the program. Furthermore, the provisional student's first 9 hours must all be at the 600 level. If the provisional student receives at least a "B" grade in each class through his or her first 9 hours, that student will be granted regular status.

All students must pass both a written comprehensive exam and a separate oral comprehensive examination. Successful completion of the exams will require the student to pull together in a meaningful way the major theories, knowledge base, technologies, and practices covered in the required courses. A committee of graduate faculty members will determine whether the student passes or fails the exams.

### Communication Core Requirements

Twenty-seven (27) semester hours are required, which must include completion of COMM 626, 627, 671, and 691 and any 15 hours to be chosen from COMM 616, 619, 620, 621, 631, 633, 648, 649.

COMM 616: Communication Training, Assessment and Development .....	3 hours
COMM 619: Advanced Interpersonal Communication .....	3 hours
COMM 620: Organizational Culture and Diversity Issues .....	3 hours
COMM 621: Organizational Communication Campaigns .....	3 hours
COMM 626: Legal Issues in Organizational Communication .....	3 hours
COMM 627: Ethical Issues in Organizational Communication .....	3 hours
COMM 631: New Technologies and Organizational Communication .....	3 hours
COMM 633: Communicating Leadership .....	3 hours
COMM 648: Writing for Organizations .....	3 hours
COMM 649: Editing & Design of Organizational Communication Materials .....	3 hours
COMM 671: Theories of Organizational Communication .....	3 hours
COMM 691: Research Methods in Organizational Communication .....	3 hours
Total .....	27 hours

### Electives

Students must take 9 semester hours, chosen from the following courses. The student may elect to take 9 hours in one of the concentrations listed below, or to spread the 9 hours over two or three areas. Credit will not be accepted toward graduation if a student has completed a similar or companion 400-level course for any elective.

COMM 501: Scholastic Journalism .....	3 hours
COMM 510: Intercultural Communication .....	3 hours
COMM 513: Business and Professional Speaking .....	3 hours
COMM 518: Small Group Communication .....	3 hours
COMM 551: Media Management and Economics .....	3 hours
COMM 556: Social and Ethical Issues in Mass Communication .....	3 hours
COMM 558: International Communication and Media .....	3 hours
COMM 561: Media Criticism .....	3 hours
COMM 563: Writing for Public Relations .....	3 hours
COMM 565: Public Relations Campaigns .....	3 hours
COMM 567: Public Relations Crisis Communication .....	3 hours
COMM 585: Health Communication .....	3 hours
COMM 593: History of Mass Communication .....	3 hours
COMM 595: Opinion Writing: Editorials and Critical Reviews .....	3 hours
COMM 659: Communication Internship .....	3 hours
COMM 699: Special Topics in Communication .....	3 hours
ENGL 548: Advanced Professional and Technical Writing .....	3 hours
HS 622: Stress Management Programming .....	3 hours
HS 635: Worksite Health Promotion .....	3 hours
HS 638: Program Planning and Evaluation .....	3 hours
HUM 501: Special Topics in Humanities .....	3 hours
PSYC 575: Industrial/Organizational Psychology .....	3 hours

## Concentrations

### Health Communication

COMM 585: Health Communication .....	3 hours
HS 622: Stress Management Programming.....	3 hours
HS 635: Worksite Health Promotion .....	3 hours
HS 638: Program Planning and Evaluation.....	3 hours

### Journalism

COMM 501: Scholastic Journalism.....	3 hours
COMM 551: Media Management and Economics.....	3 hours
COMM 556: Social and Ethical Issues in Mass Communication .....	3 hours
COMM 561: Media Criticism.....	3 hours
COMM 593: History of Mass Communication .....	3 hours
COMM 595: Opinion Writing: Editorials and Critical Reviews.....	3 hours

### Public Relations

COMM 558: International Communication and Media.....	3 hours
COMM 563: Writing for Public Relations.....	3 hours
COMM 565: Public Relations Campaigns .....	3 hours
COMM 567: Public Relations Crisis Communication.....	3 hours

### Sociology

SOC 601: Complex Organizations.....	3 hours
SOC 602: Social Stratification/Structured Inequality .....	3 hours
SOC 607: Social Policy I.....	3 hours
SOC 698: Special Topics in Applied Sociology .....	3 hours

Psychology
College of Arts, Humanities and Social Sciences
Leading to the Degree of Master of Arts (M.A.)

Purposes

The purposes of offering graduate study in the Department of Psychology are:

- 1. To prepare the student for a Ph.D. program in Psychology through a Master of Arts degree program providing knowledge and research skills.
2. To provide students not intending to pursue a Ph.D. degree with a variety of courses that will help prepare them for paraprofessional positions.

Requirements for Admission

Applicants should apply by March 15 for Fall Admission and October 15 for Spring admission. To be eligible for admission, the applicant must:

- 1. Apply to enter the Master of Arts degree program.
2. Complete at least 18 semester hours of undergraduate credit in psychology and/or educational psychology, including at least three semester hours each in a statistics course and in a general experimental (laboratory) course.
3. Have an undergraduate cumulative average of at least 3.00 on a 4.00 point scale (2.50 for provisional status) in all psychology and/or educational psychology courses pursued.
4. Submit a GRE score for the verbal and quantitative sections of the GRE. A GRE score for the psychology subject test is not required but may offset a low combined verbal and quantitative score. ETS has changed the GRE scoring methodology. Please check with your graduate advisor for details regarding GRE score minimums required for admission.
5. Supply at least three appropriate, satisfactory letters of reference.
6. Satisfy all applicable University admission requirements.

Requirements for Degree

To receive the Master of Arts degree in Psychology, the student must:

- 1. Pass 38 hours of graduate courses, including 6 hours of thesis approved by student's thesis committee or 6 hours of non-thesis project approved by the non-thesis graduate faculty advisory committee. Psychology 649 Independent Skills Augmentation for Research may not be counted toward the required 38 hours. Hours completed in thesis (Psychology 770) will not count toward the required hours for non-thesis project (Psychology 771) and completed non-thesis project hours (Psychology 771) will not be counted toward the completion of the thesis (Psychology 770).
2. Maintain a 3.0 cumulative GPA with no more than two grades of "C" for the entire program. A grade of at least "B" is required for satisfactory completion of Psychology 635 and Psychology 636.
3. Pass comprehensive examinations administered by the Department. This requirement is satisfied by a grade of "B" or better on the final exam in Psychology 635, Psychology 636, Psychology 612, Psychology 613, and Psychology 614.

Course Requirements

Required Courses (26 hours)

Table listing required courses and their credit hours: PSYC 635: Experimental Design and Analysis (4 hours), PSYC 636: Non-experimental Design and Analysis (4 hours), PSYC 612: Learning, Memory, and Cognition (3 hours), PSYC 613: Physiological Psychology (3 hours), PSYC 614: Social Psychology (3 hours), PSYC 660: Special Topics in Psychology (3 hours), PSYC 770: Thesis or PSYC 771: Non-Thesis Project (6 hours).



**Elective Courses (12 hours)**

PSYC 521: History and Systems of Psychology .....	3 hours
PSYC 522: Abnormal Psychology .....	3 hours
PSYC 549: Individual Research in Psychology .....	3 hours
PSYC 575: Industrial /Organizational Psychology.....	3 hours
PSYC 582: Seminar in Psychology.....	3 hours
PSYC 615: Psychological Assessment.....	3 hours
PSYC 616: Theories of Personality.....	3 hours
PSYC 620: Developmental Psychology .....	3 hours
PSYC 679: Psychotherapy Techniques .....	3 hours
PSYC 668: Independent Readings in Psychology .....	3 hours
PSYC 683: Practicum.....	3 hours
PSYC 692: Psychopharmacology.....	3 hours
PSYC 660: Special Topics in Psychology .....	up to 9 hours

**Concentration in Industrial/Organizational Psychology**

**First Year**

**First Semester**

PSYC 635: Experimental Design and Analysis .....	4 hours
PSYC 614: Social Psychology.....	3 hours
PSYC 612: Learning, Memory, and Cognition.....	3 hours

**Second Semester**

PSYC 636: Non-experimental Design and Analysis.....	4 hours
PSYC 613: Physiological Psychology .....	3 hours
PSYC 660: Special Topics in Performance Measurement .....	3 hours

**Second Year**

**First Semester**

PSYC 575: Industrial/Organizational Psychology.....	3 hours
PSYC 770: Thesis or PSYC 771: Non-Thesis Project.....	3 hours
PSYC 683: Industrial/Organizational Practicum; Performance Improvement.....	3 hours

**Second Semester**

PSYC 770: Thesis or PSYC 771: Non-Thesis Project.....	3 hours
PSYC 683: Industrial/Organizational Practicum; Performance Pay .....	3 hours
PSYC 615: Psychological Assessment.....	3 hours

**Thesis Plan**

**Thesis Requirements**

A complete description of the thesis requirements (as well as other departmental policies) can be found in the *Guide to Graduate Study in Psychology at Southeastern Louisiana University* given to all students when they first enter the program.

**Thesis Committee**

The student will be supervised by a thesis committee consisting of the major professor and a minimum of two other members from the Psychology faculty. Committees may include one member from outside the Department in addition to the required three members from the department. The committee should be chosen by the student in consultation with the major professor. Faculty chosen

for the committee should not be asked to serve until the student and major professor have agreed on the exact topic for the thesis as well as the methodology to be used.

### Major Professor

The major professor who directs the thesis project must be a member of the Psychology Department faculty and a member of the Graduate Faculty. A faculty member is limited to chairing three thesis committees at a time, with no more than two in the pre-proposal stage.

After 2 semesters, if the thesis proposal has not been accepted, the major professor's commitment to the project ends. In addition, if the entire thesis project has not been completed in 2 years, the major professor's commitment to the project ends. In the event that a student goes past one of the thesis deadlines, it may be necessary to change major professors and possibly thesis topic (this applies even to students who have thesis proposals approved).

### Progression

Students who have not successfully proposed the thesis within 2 regular semesters of eligibility will be required to enroll in PSYC 649 Independent Skills Augmentation for Research each semester concurrently with thesis (PSYC 770) until the student has successfully proposed. Students who have not successfully defended the thesis within 2 regular semesters of proposing will be required to enroll in Psychology 649 Independent Skills Augmentation for Research each semester concurrently with thesis (Psychology 770) until the student has completed all requirements for the defense, including those outlined in the University's Thesis and Dissertation Standards.

### Non-Thesis Plan

#### **Non-Thesis Project Requirements**

The non-thesis plan is designed for students specifically interested in paraprofessional positions, and not for students hoping to pursue Ph.D. program placement. Faculty will not write letters of recommendation for non-thesis plan students who apply to Ph.D. programs. A complete description of the non-thesis project requirements (as well as other departmental policies) can be found in the *Guide to Graduate Study in Psychology at Southeastern Louisiana University* given to all students when they first enter the program and posted online. The project should be developed to reflect the student's long-term career goals in a paraprofessional position and must be approved by the non-thesis graduate faculty advisory committee.

#### **Non-Thesis Project Committee**

Students who opt to complete a non-thesis project must also select a major professor to supervise the project. Students must submit a project proposal during a departmental seminar that must be approved by the non-thesis graduate faculty advisory committee the semester prior to its completion. All non-thesis students must also present a non-thesis project defense during a departmental seminar describing the non-thesis project the semester of its completion. This must at a minimum include a review paper on the area of study and a presentation before the non-thesis graduate faculty advisory committee. Students have one opportunity to repeat the seminar in the event of unsatisfactory performance. Departmental seminar dates will be made available at the beginning of each semester (see graduate guide or graduate coordinator).

### Major Professor

The major professor who directs the non-thesis project must be a member of the Psychology Department faculty and a member of the Graduate Faculty. After 2 semesters, if the non-thesis project proposal has not been accepted, the major professor's commitment to the project ends. In addition, if the entire non-thesis project has not been completed in 2 years, the major professor's commitment to the project ends. In the event that a student goes past one of the non-thesis

deadlines, it may be necessary to change major professors and possibly non-thesis topics (this applies even to students who have non-thesis proposals approved).

### Progression

Students who have not successfully proposed the non-thesis project within 2 regular semesters of eligibility will be required to enroll in Psychology 649 Independent Skills Augmentation for Research each semester concurrently with non-thesis (Psychology 771) until the student has successfully proposed. Students who have not successfully defended the non-thesis project within 2 regular semesters of proposing will be required to enroll in Psychology 649 Independent Skills Augmentation for Research each semester concurrently with non-thesis (Psychology 771) until the student has completed all requirements for the defense.

## Sociology (Applied Sociology) College of Arts, Humanities and Social Sciences Leading to the Degree of Master of Science (M.S.)

### Purpose

Applied sociology is a growing academic area as social research and theory are increasingly used for planning, development, evaluation and problem solving by organizations and agencies. The purpose of the Southeastern's Master of Science program in Applied Sociology is to:

1. Teach students how to use the theories and research methods of sociology to solve real world problems.
2. Train students to utilize the sociological perspective to research, analyze and develop strategies for the effective and efficient functioning of community institutions, organizations and groups of individuals.
3. Prepare students to deal with contemporary issues of multiculturalism and globalization that condition the problems and solutions with which such professionals will deal.
4. Prepare students to be able to work with diverse populations and develop a clear understanding of the extent, causes, consequences and potential solutions to the problems of inequality, prejudice and discrimination.

### Admission Requirements

Applicants for admission to the Master of Science Degree Program in Applied Sociology must meet the following criteria:

1. A Bachelor's degree from an accredited institution in Sociology, Criminal Justice, Social Work or a related social science field.
2. Satisfactory completion of prerequisite courses: sociological theory, social research methods and elementary social statistics.
3. GRE Score (Quantitative Reasoning and Verbal Reasoning sections only). ETS has changed the GRE scoring methodology, please check with your graduate advisor for details regarding GRE requirements for admission.
4. Completed application for admission and payment of application fee on file in the Admissions office.

To apply to the Master of Science Degree Program in Applied Sociology students should submit: a letter of intent, an autobiographical essay, a resume or curriculum vita, unofficial copies of all academic work, GRE scores and two letters of recommendation addressed to the Applied Sociology Graduate Coordinator by the deadline indicated on the Department of Sociology and Criminal Justice's web page.

### Requirements for Registering for Class

To register for courses in the M.S. in Applied Sociology curriculum, students must:

1. Obtain the Graduate Coordinator's written authorization prior to registration each semester. Advising for all graduate courses is mandatory. Only after being advised by the Graduate Coordinator will students be allowed to register in the departmental office.
2. Have an approved up-to-date degree plan on file with the Department of Sociology and Criminal Justice.
3. Be in 'good-standing' (have and maintain a cumulative GPA of 3.0 on all course work).

### Degree Plan

To remain in good standing in the Master of Science in Applied Sociology Program, students must:

1. Obtain the Graduate Coordinator's written approval for an individual degree plan prior to registering for their second semester of graduate course work.
2. Obtain the Graduate Coordinator's written approval for all changes to the degree plan.

## Admission to Candidacy

In order to file for Admission to candidacy for the master's degree, students must:

1. Have achieved regular admission status.
2. Have completed 12 hours of graduate degree credit at Southeastern with a cumulative GPA of at least 3.0.
3. Have a degree plan approved by the Graduate Coordinator.
4. Have the application for admission to candidacy for the master's degree completed and signed by the student and by the Graduate Coordinator and submitted to the office of the Graduate Studies no later than 15 days after the first day of class of the next semester or term in which the student is enrolled.

## Requirements for the Applied Sociology Degree

To receive the Master of Science (M.S.) in Applied Sociology Degree, students must:

1. Satisfactorily complete 36 semester hours of graduate course work as outlined below.
  - a. No more than 6 hours of 500-level course work may be counted toward a degree.
2. Maintain a cumulative GPA of 3.0 on all course work.
  - a. No grade of "D" or "F" may be counted toward a degree. Any course to be counted toward a degree in which a "D" or "F" is earned must be repeated with a grade of at least "C."
  - b. No more than 6 hours of "C" grades may be counted toward a degree.
  - c. Only a grade of "B" or higher in core classes (SOC 601, 602, 603, 604, 605, and 606) will be counted toward a degree. Any core course to be counted toward a degree in which a "C" or lower is earned must be repeated with a grade of at least a "B."
3. Complete either an Internship or Thesis Option as discussed below.
4. Be recommended for the degree by the Graduate Faculty Committee.
5. Meet all requirements for the M.S. in Applied Sociology degree within 6 years of enrolling the M.S. in Applied Sociology program.

SOC 601: Complex Organizations.....	3 hours
SOC 602: Social Stratification and Structured Inequality.....	3 hours
SOC 603: Applied Social Theory .....	3 hours
SOC 604: Applied Research Design and Methodology .....	3 hours
SOC 605: Advanced Statistics for Applied Sociology.....	3 hours
SOC 606: Evaluation and Assessment .....	3 hours
Concentration Electives*.....	12 hours
SOC 701: Field Internship or 770 Thesis Research and Thesis .....	6 hours
<b>Total.....</b>	<b>36 hours</b>

\*Electives must be selected from one area of concentration.

## Areas of Concentration

### Criminal Justice

- SOC 620: Applied Criminological Theory
- SOC 630: Race, Gender, Class and the Criminal Justice System
- SOC 635: Applied Mapping in the Social Sciences
- SOC 645: Dimensions of Homicide

### Globalization and Sustainability

- SOC 501: Population
- SOC 555: Urban Sociology
- SOC 565: Social Change and Globalization
- SOC 607: Social Policy

SOC 625: Population Policy  
SOC 650: Applied Study Abroad  
SOC 655: Applied Environmental Sociology  
SOC 660: Participatory Research and Popular Education  
SOC 665: Globalization and Social Transformation

The following may be used in any concentration when appropriate and approved by the Graduate Coordinator in the Applied Sociology program:

SOC 500: Independent Study  
SOC 595: Special Topics Seminar  
SOC 690: Independent Study in Applied Sociology  
SOC 698: Special Topics in Applied Sociology

### **Internship Option**

The internship involves application of sociological principles to work within an organization, agency, institution, or business setting, depending upon the student's areas of interest. The work is supervised by an Agency Supervisor, the student's Major Professor and an Internship Committee. Internship Defense

Prior to graduation students choosing the Internship Option must report on their work before a forum of graduate faculty and graduate students. Before being recommended for graduation students must receive approval for their internship work from the Major Professor, Internship Committee members, Graduate Coordinator and the Department Chair.

### **Thesis Option**

The thesis is a major work of independent research on an original topic, supervised by the student's Major Professor and Thesis Committee.

### **Thesis Proposal Defense**

Prior to beginning their research students choosing the Thesis Option must defend their research proposal before a forum consisting of the Major Professor and Thesis Committee. Once approved, students may begin their thesis research.

### **Thesis Defense**

Prior to graduation, students choosing the Thesis Option must defend their thesis before a forum of graduate faculty and graduate students. Before being recommended for graduation, students must receive approval for their thesis from the Major Professor, Thesis Committee members, Graduate Coordinator and the Department Chair.

### **Thesis Style and Binding**

The thesis must conform to the format of the most recent edition of The American Sociological Association Manual of Style. Students must submit at least 4 copies of the final approved version of the thesis to the Graduate Coordinator for binding by the Sims Memorial Library.

## **Graduate Faculty**

All faculty members in the Department of Sociology and Criminal Justice who are members of the University Graduate Faculty are members of the department's graduate faculty. They are eligible to teach graduate courses, supervise internships and theses, and serve on Internship and Theses Committees. The University Graduate Council must renew member status for graduate faculty every six years. Temporary graduate faculty status must be renewed annually; adjunct faculty must be renewed each semester.

## Graduate Coordinator

The Graduate Coordinator is responsible for processing all applicants' application materials and presenting them to the Graduate Faculty Advisory Committee for approval. The Graduate Coordinator serves as the academic advisor for all graduate students, supervises their progress toward the M.S. degree, approves all graduate degree plans, and authorizes all students for registration in courses in the M.S. curriculum. The Graduate Coordinator assigns and supervises the work of all departmental graduate assistants. The Graduate Coordinator serves as the department's representative on the College of Arts, Humanities, and Social Sciences Graduate Committee and on the University Graduate Council.

## Graduate Faculty Advisory Committee

All graduate faculty members in the Department of Sociology and Criminal Justice shall serve as members of the Graduate Faculty Advisory Committee. The committee must approve all applicants to the program, must approve the awarding of all graduate assistantships, shall determine, after each semester, whether or not each student will be permitted to continue in the M.S. program, and must authorize any changes to the M.S. curriculum.

## Major Professor

Students in either the Internship or Thesis Option must choose a Major Professor, with the latter's consent, to supervise their work or research and the written products of both. The Major Professor is responsible for supervising the student's work or research activities, coordinating the work of the Internship or Thesis Committee, scheduling and facilitating defenses, and editing and approving the final written product. The Major Professor is also responsible for reporting the student's progress to the Graduate Coordinator.

## Internship/Thesis Committee

Students in either the Internship or Thesis Option will form a Committee consisting of the Major Professor and two additional members of the graduate faculty. The committee members should be chosen on the basis of their expertise in the field in which the particular student wishes to work or conduct research and must be approved of by the Major Professor and the Graduate Coordinator.

## Graduate Assistants

The Graduate Faculty Advisory Committee, on the basis of merit, awards graduate assistantships. Graduate assistants are contractual employees who work under the supervision of the Graduate Coordinator and the professor(s) to whom they are assigned.

## Special Education College of Education Leading to the Degree of Master of Education (M.Ed.)

### Purposes

The purposes of the Master of Education in Special Education are to:

1. Prepare highly qualified and effective teachers for Louisiana students with exceptionalities, from birth to 12<sup>th</sup> grade.
2. Provide candidates with opportunities to develop pedagogical content knowledge, expert knowledge of learners with special needs, and competencies reflecting the knowledge skills and dispositions needed to reach their full potential.
3. Develop candidates' capabilities to provide professional services, leadership, and advocacy for students with exceptionalities in schools, school districts, and professional organizations.
4. Offer curriculum and instruction for earning a master's degree that is guided by the high standards of the College of Education Conceptual Framework and other state and national standards.
5. Provide intensive study in candidate's selected areas of concentration.
6. Enhance the candidates' potential for serving students with exceptionalities, parents, colleagues, and others in the education community.
7. This program does not lead to initial certification.

### Admission Requirements

To be considered for the Masters of Education degree in Special Education, an applicant must:

1. Meet all University requirements, which include:
  - a. An application for admission.
  - b. Official transcripts from all colleges and universities attended.
  - c. Documentation of graduation with a baccalaureate degree (or its equivalent) from an accredited university.
  - d. Documentation of a minimum cumulative grade point average (GPA) of 2.5 (4.0 scale) for all undergraduate work attempted or a minimum GPA of 2.75 on all upper division undergraduate work attempted.
  - e. Documentation of satisfactory standing at the last institution attended.
  - f. A non-refundable fee to the Controller's Office prior to the established deadline.
2. Submit a valid teaching certificate.
3. Submit a GRE score report.

Eligibility is determined by the formula of  $(87 \times \text{GPA}) + (\text{GRE verbal} + \text{GRE Quantitative}) = \text{or greater than } 520$ .

### Curriculum Master of Education, Special Education

To be considered for admission to the Master of Education Degree in Special Education, an applicant must:

1. Meet all University admission requirements.
2. Have at least a 2.5 undergraduate GPA.
3. Please submit a GRE Score of the verbal, quantitative and written portions. ETS has changed the GRE scoring methodology, please check with your graduate advisor for details regarding GRE requirements for admission.
4. Hold a baccalaureate degree in special education (or equivalent) from an accredited university.
5. Possess a valid teaching certificate.



6. Provide a letter of application delineating the applicant's rationale for pursuing the graduate degree to the Graduate Coordinator, Department of Teaching and Learning.
7. Provide two letters of recommendation from persons with knowledge of the applicant's potential for success to the Graduate Coordinator, Department of Teaching and Learning.
8. Submit curriculum vitae delineating academic and related work experiences, degrees held, honors and awards, and special interests to the Graduate Coordinator, Department of Teaching and Learning.
9. Complete the PEC survey, a self-assessment to identify Knowledge, Skills, and Dispositions consistent with the College of Education Conceptual Framework, and a special education self-assessment.

**Core Courses (Mild/Moderate)**

EDUC 601 .....	3 hours
SPED 612 .....	3 hours
SPED 767 .....	3 hours
SPED 770 .....	3 hours
SPED 670 .....	3 hours
Total .....	15 hours

**Concentration Courses (Mild/Moderate)**

SPED 613 .....	3 hours
SPED 608 .....	3 hours
SPED 663 .....	3 hours
SPED 686 .....	3 hours
SPED 603 (4-6 or 6-12 majors) or EDUC 657 (1-5 majors).....	3 hours
Total .....	15 hours
Elective, 2 courses .....	6 hours

**Program Total, Mild/Moderate .....36 hours**

**Core Courses (Early Intervention)**

EDUC 601 .....	3 hours
SPED 767 .....	3 hours
SPED 770 .....	3 hours
Total .....	9 hours

**Concentration Courses (Early Intervention)**

SPED 682 .....	3 hours
SPED 689 .....	3 hours
SPED 685 .....	3 hours
SPED 688 .....	3 hours
SPED 683 .....	3 hours
ECE 601 .....	3 hours
EDUC 657 .....	3 hours
EDUC 678 .....	3 hours
EDUC 677 .....	3 hours
Total .....	27 hours

**Program Total, Early Intervention .....36 hours**

**Core Courses (Gifted)**

EDUC 601 .....	3 hours
EDUC 660 .....	3 hours
EDUC 693 .....	3 hours
EDUC 695 .....	3 hours
SPED 667 .....	3 hours
Total .....	15 hours

**Concentration Courses (Gifted)**

EDUC 648 .....	3 hours
EDUC 649 .....	3 hours
EDUC 618 .....	3 hours

EDUC 647 .....	3 hours
EDUC 646 .....	3 hours
ETEC 620 .....	3 hours
Total .....	18 hours
Elective, 1 course .....	3 hours
<b>Program Total, Gifted .....</b>	<b>36 hours</b>

**Core Courses (Inclusive Practices)**

EDUC 601 .....	3 hours
SPED 686 .....	3 hours
SPED 708 .....	3 hours
SPED 763 .....	3 hours
SPED 767 .....	3 hours
SPED 770 .....	3 hours
Total .....	18 hours

**Concentration Courses (Inclusive Practices)**

SPED 741 .....	3 hours
SPED 703 .....	3 hours
SPED 765 .....	3 hours
SPED 667 .....	3 hours
Total .....	12 hours
Electives, 2 courses .....	6 hours

**Program Total, Inclusive Practices .....** **36 hours**

**Core Courses (Educational Diagnostician)**

EDUC 601 .....	3 hours
SPED 686 .....	3 hours
SPED 708 .....	3 hours
SPED 763 .....	3 hours
SPED 767 .....	3 hours
SPED 770 .....	3 hours
Total .....	18 hours

**Concentration Courses (Educational Diagnostician)**

SPED 612 .....	3 hours
SPED 613 .....	3 hours
SPED 614 .....	3 hours
SPED 716 .....	3 hours
SPED 710 .....	3 hours
EDUC 661 .....	3 hours
Total .....	18 hours

**Program Total, Educational Diagnostician .....** **36 hours**

**Core Courses (Instructional and Assistive Technology)**

EDUC 601 .....	3 hours
SPED 686 .....	3 hours
SPED 708 .....	3 hours
SPED 763 .....	3 hours
SPED 767 .....	3 hours
SPED 770 .....	3 hours
Total .....	18 hours

**Concentration Courses (Instructional and Assistive Technology)**

SPED 670 .....	3 hours
SPED 704 .....	3 hours
SPED 705 .....	3 hours
SPED 706 .....	3 hours
Total .....	12 hours
Electives, 2 courses .....	6 hours

**Program Total, Instructional and Assistive Technology .....** **36 hours**

**Master of Arts in Teaching  
College of Education  
Leading to the Degree of Master of Arts in Teaching (M.A.T.)**

**Purpose**

The purpose of the Master of Arts in Teaching (MAT) is to offer an alternative teacher certification pathway in Early Intervention Birth – 5 or Elementary Education Grades 1-5.

**Requirements for Admission - Early Intervention Birth - 5**

To be considered for the Master of Arts in Teaching, Early Intervention program, an applicant must:

1. Have satisfactorily completed a baccalaureate degree with a 2.5 GPA.
2. Achieve a passing score on PRAXIS Core Academic Skills for Educators OR ACT composite score of 22 or higher OR an SAT composite score of 1030 or higher OR a Master’s degree.
3. Achieve a passing score on PRAXIS II in elementary specialty content area.
4. Have at least 520 points based on the formula of 87 times the undergraduate cumulative grade point average plus the General Test (Verbal plus Quantitative) scaled score of the Graduate Record Examination for regular admission status.

**Courses in MAT Program – Early Intervention**

**Knowledge of the Learner and Learning Environment**

ECE 601 .....	3 hours
SPED 682 .....	3 hours
SPED 689 .....	3 hours
SPED 680 .....	3 hours
EDUC 677 .....	3 hours
<b>Total .....</b>	<b>15 hours</b>

**Methodology and Teaching**

SPED 683 .....	3 hours
SPED 688 .....	3 hours
EDUC 678 .....	3 hours
SPED 685 .....	3 hours
<b>Total .....</b>	<b>12 hours</b>

**Student Teaching or Internship**

SPED 693 or SPED 694 .....	6 hours
<b>Total .....</b>	<b>6 hours</b>

**Other Courses**

EDUC 601 .....	3 hours
EDUC 657 .....	3 hours
<b>Total .....</b>	<b>6 hours</b>

<b>Program Total .....</b>	<b>39 hours</b>
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**Requirements for Admission – MAT Elementary Grades 1-5**

To be considered for admission to the Master of Arts in Teaching degree program, an applicant must:

- Meet all University admission requirements.
- Possess a Bachelor’s degree with a 2.75 cumulative GPA or a master’s degree with a cumulative GPA of 3.0 from a regionally accredited university.
- Achieve passing scores on the PRAXIS Core Academic Skills for Educators. If the student scored 22 or higher on the ACT or earned a master’s degree from an accredited university, these tests are waived.

- Achieve a passing score on the PRAXIS II elementary specialty examination.
- Have at least 520 points based on the formula of 87 times the undergraduate cumulative grade point average plus the General Test (Verbal plus Quantitative) scaled score of the Graduate Record Examination for regular admission status.
- Preference will be given to applicants with a minimum of three years of successful work experience in the area related to the initial degree or in the field of education or in another service related area.
- Participate in a mandatory admissions interview.

**Courses in the MAT Program (Elementary Grades 1-5)**

Candidates participating in the MAT program are admitted as a cohort each summer and must commit to attending full time for one academic year (Summer I: 12 hours; Fall I: 9 hours; Spring I: 9 hours); Summer II will be the completion of the research project and Fall II will be student teaching or the 1<sup>st</sup> semester of the internship. The courses are delivered on campus with field experiences during the day. Candidates who are unable to remain with their cohort may be eligible to re-enter with a new cohort group.

**Summer I (12 hours)**

MAT 610: Fundamentals I: Teaching and Learning for General Education .....	3 hours
MAT 615: Fundamentals II: Teaching and Learning for Special Education .....	3 hours
MAT 620: Learning and Behavior Theories in Inclusive Elementary Classrooms .....	3 hours
MAT 630: Assessment I: Inclusive Elementary Classroom Education .....	3 hours

**Fall I (9 hours)**

MAT 622: Classroom Management and Organization for Inclusive Elementary Classrooms .....	3 hours
MAT 631: Assessment II: Inclusive Elementary Classroom Education .....	3 hours
MAT 640: Intro to Reading and Language Arts in Inclusive Elementary Classrooms .....	3 hours

**Spring I (9 hours)**

MAT 650: Integrated Learning Methods: Math, Physical Science, and Info Literacy .....	3 hours
MAT 651: Integrated Learning Methods: Life Sciences, Health and PE, and Info Literacy .....	3 hours
MAT 652: Integrated Learning Methods: Social Studies, Arts, Music, and Info Literacy .....	3 hours

**Summer II (3 hours)**

MAT 670: Research Design for Inclusive Elementary Classroom Education .....	3 hours
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**Fall II (3-6 hours)**

MAT 689: Student Teaching in Elementary Education .....	6 hours
or	
MAT 688: Internship in Elementary Education .....	6 hours
(2 consecutive semesters – 3 hours each semester)	

Total.....39 hours

**Selective Admission and Retention in Teacher Education (SARTE) Policies  
And  
Procedures Applicable to the Master of Arts in Teaching Degree**

A person desiring to become a teacher must maintain academic standards and demonstrate qualifications for successful teaching including satisfactory performance in field experiences. Therefore, the College of Education at Southeastern Louisiana University reserves the right to recruit, admit and retain in the Professional Program in Teacher Education only those students who show evidence of being capable of performing in an acceptable professional manner. Enrollment in the professional program does not guarantee that a student will receive the degree or certification sought simply because he/she completes a number of courses or is in the field the required number of hours.

Certification requirements are specified by the State Legislature and/or the Board of Elementary and Secondary Education and coordinated by the State Department of Education. These requirements are subject to periodic modification, which may not occur at times appropriate for inclusion in the annual publication of the University catalogue. It is the responsibility of the students to make periodic checks for such changes with their academic advisers and/or department head.

## SARTE Status

To be considered for full SARTE status to the Master of Arts in Teaching degree program, an applicant must:

- Meet all requirements for admission to Graduate Studies and to the Master of Arts in Teaching degree program.
- Apply for Selective Admission and Retention in Teacher Education (SARTE) in the first course (MAT 610).
- Achieve a grade of B or better in MAT 610 (Fundamentals I: Teaching and Learning for General Education). MAT 610 must be repeated if the grade is lower than a B.
- Not have been convicted of a felony.
- Maintain a cumulative 3.0 graduate GPA with no grade below "C" and not more than one "C" grade.

Ongoing screening of each student utilizing the standards of the Professional Program in Teacher Education will occur each semester of a student's enrollment.

- Students will be permitted to repeat only two MAT courses.
- Students will be permitted to enroll in any course only twice.

Students demonstrating behaviors or characteristics that make it questionable whether they can succeed in the teaching profession will be referred for a Professional Performance Review. A review may result in:

- No actions being taken but further observations.
- Recommendation of a Professional Improvement Plan (PIP) monitored by the Coordinator of the Teacher Development program.
- Referral to the SARTE Committee which may recommend:
  - Probation with specified conditions.
  - Temporary suspension from the MAT and the Teacher Education Program with specified conditions.
  - Expulsion from the MAT degree and the Teacher Education Program.

## Teacher Certification

Requirements beyond the Master's Degree may be necessary if the student is deficient in certification requisites. Students may elect to focus course work toward State of Louisiana Certification in the following areas:

- Teachers of Mild/Moderate Disabilities (Generic)
- Early Intervention
- Educational Diagnostician
- Supervisor/Director of Special Education
- Academic Gifted (Academically Gifted)

Students desiring to pursue any of the above should consult with their faculty advisor or Department Head for requirements.

## Portfolios

As part of the College of Education focus on performance-based outcomes, portfolios will be incorporated into the assessment system for students enrolled in an approved Teacher Education Program.

The portfolio will allow the students to demonstrate, through reflections, their understanding of how the artifacts contained in the portfolio meet the program outcomes; provide a process by which a student can become a reflective practitioner to foster continuous improvement; and document a student's growth in the program. The portfolio will consist of artifacts, documents, and evidence which demonstrate that the knowledge, skills, and dispositions as indicated in the *Louisiana Components of Effective Teaching* and the program's *Conceptual Framework* have been met. Students will submit an Introductory Level Portfolio after successful completion of MAT 610, MAT 615, MAT 620, and MAT 630. The Developing Level Portfolio will be submitted as a prerequisite for student teaching or internship. The Competency Level Portfolio and oral defense are required for graduation.

## Student Teaching

Student teaching is an all-day (approximately eight hours), all semester activity. The student teacher will be required to spend the full public school day, plus any additional conference or seminar time in this experience. The Director of Student Teaching will make the assignments for each student teacher. All possible considerations will be given, but it is the responsibility of the student teacher to make arrangements to meet the conditions of the assignment that is made. Student teaching must be completed in Southeastern's teacher education service region. Those districts include the following: Ascension Parish, City of Bogalusa, East Baton Rouge Parish, Jefferson Parish (Kenner and Metairie area), Livingston Parish, St. Charles Parish, St. James Parish, St. John Parish, St. Tammany Parish, Tangipahoa Parish, Washington Parish, and Zachary Schools.

## Requirements for Student Teaching

The State Department of Education regulations for certification of teachers require that students do their student teaching under the control and supervision of the institution from which they expect to be graduated. To be eligible for student teaching, students must:

- Make application for student teaching one semester prior to the semester during which they plan to do their student teaching. The Director of Student Teaching will assign the grade or subject, and the supervising teachers under whom the student will work.
- Pass all required PRAXIS examinations: PPST, Content Specialty Area(s), and PLT.
- Pass the Introductory Level and Developing Level of the Portfolio.
- Complete all required MAT course work with a cumulative 3.0 GPA average with no grade below "C" and not more than one "C" grade on graduate work.
- Have approval of the Director of Student Teaching.

## Internship Year

An internship may be approved in lieu of student teaching. An internship consists of two consecutive semesters of teaching at an approved school site at the appropriate grade level and in the area of certification. Students may qualify for a year-long internship in Southeastern's teacher education service region that includes: Ascension Parish, City of Bogalusa, East Baton Rouge Parish, Jefferson Parish (Kenner and Metairie area), Livingston Parish, St. Charles Parish, St. John Parish, St. Tammany Parish, Tangipahoa Parish, Washington Parish, and Zachary Community Schools.

To qualify for an internship, a student must provide:

- Verification that all prerequisites have been met the semester prior to the internship.
- Verification that all required parts of the PRAXIS have been successfully passed.
- Written recommendation from all of the candidates' methods instructors and a rating using the *Professional Dispositions Assessment Rubric*.
- Completed application for MAT internship.
- Verification that the school has a state approved classification.
- Verification that the school is accredited by the regional accrediting agency.
- Verification that the principal/assistant principal has certification in Principalship and training in supervision.
- Verification that the principal/assistant principal has served in this role for a minimum of three years.

- Signed Principal/Assistant Principal Internship Agreement form.
- Verification that a mentor teacher, who has taught a minimum of three years in the area of the intern's certification, will be assigned by the principal/assistant principal to assist the intern.
- Verification of minimum class size in the area of certification.
- Evidence of cultural diversity within the school population.
- A copy of the signed Internship Agreement form.
- A copy of the contract or employee agreement after the internship has been approved.
- A copy of the teaching schedule (Grades 1-5) signed by the principal/assistant principal.

**Note:** The candidate is responsible for submitting the above documents the semester prior to beginning the internship. A complete packet should be submitted rather than item by item. Authorization to register for an internship will not be granted until all documents have been submitted.

### Requirements to Receive the MAT Degree

To receive the Master of Arts in Teaching degree, a student must:

- Maintain a cumulative 3.0 GPA with no grade below "C" and not more than one "C" grade on graduate work.
- Students will be permitted to enroll in and/or withdraw from any MAT course only twice.
- Students will be permitted to repeat only two MAT courses.
- Be recommended for the degree by the department's graduate coordinator upon completion of all requirements stated in the degree plan.
- Satisfactorily complete 39 hours of graduate work for the concentration in Elementary Education for Grades 1-5 or Early Intervention.
- Satisfactorily complete an oral defense.
- Pass all required PRAXIS examinations.

## Doctor of Education In Educational Leadership

### Collaborative Program

The Doctor of Education degree (Ed.D.) is a collaborative degree program offered by Southeastern Louisiana University and the University of Louisiana Lafayette.

### Program Overview

The Collaborative Doctor of Education in Educational Leadership program is designed to provide the following:

1. To enhance the knowledge and competencies of leaders so they provide optimal leadership for the education of all learners, both youth and adult.
2. To prepare leaders who are inquiring, reflective practitioners.
3. To prepare leaders who are competent in identifying and solving complex problems in education.
4. To prepare leaders who understand the multitude of leadership and management theories and practice related to their professional settings.
5. To prepare leaders who value, encourage, and facilitate the professional development of self and others in the organization.
6. To prepare leaders who demonstrate effective communication skills in both school and non-school settings.
7. To prepare leaders who value, understand, and support diversity in their school organizations.
8. To prepare leaders who make contributions to the profession.

**Note:**

- The doctoral program is NOT designed to lead to initial Administrative Certification for the State of Louisiana.
- Students who do not have a master's degree in school administration or the equivalent may be required to complete three to nine hours of course work in educational administration, either before or during the doctoral program.
- Students who have not completed a course in graduate statistics and research methods must include these courses in their program of study.

### Program Admission Requirements

Application Process – Completed applications, including all documents listed below, must be received by the Doctoral Admissions Committee in the Department of Educational Leadership and Technology by the time and date listed on the Southeastern Louisiana University doctoral program website.

1. Completed application form;
2. Official transcripts from all colleges attended;
3. Graduate Record Examination (GRE). The expected minimum scores are 145 Verbal/145 Quantitative (new scale) or 450 Verbal/450 Quantitative (old scale);
4. Master's Degree from an accredited university;
5. GPA of at least 3.0 on all graduate-level course work;
6. Professional resume;
7. A writing sample that the applicant believes is indicative of his/her ability to write on an academic or professional subject;
8. A formal letter of application that must provide:
  - a. An introduction of the applicant to the admissions committee;
  - b. An explanation of the applicant's interest in educational leadership, and;
  - c. Reasons why the applicant seeks admission to the doctoral program in educational leadership.
9. Names, addresses (office and e-mail), and telephone numbers of the following three individuals:
  - a. The applicant's direct supervisor;



- b. A former university professor who can attest to the applicant's ability to successfully complete a doctoral program, and;
  - c. A third individual who has direct knowledge of the applicant's duties and performance in his/her profession.
10. For applicants whose native language is not English, a score on the English proficiency examination (TOEFL) of at least 24 on each of the components (Writing, Reading, Speaking, and Listening).
  11. Verification of at least three (3) years of appropriate professional experience.
  12. Have satisfactory standing in the last institution attended.

### Program Admissions Process

After all application materials have been received, the Educational Leadership Doctoral Admissions Committee will jointly review the applicant's materials. The Committee will determine which applicants will move forward in the application process and schedule an interview on the Southeastern Louisiana University campus. This phase has two components:

1. Each applicant must draft an extemporaneous writing sample in response to a writing prompt that will be provided on site.
2. Following the exercise, the applicant will have a face-to-face interview.

Upon receipt of a letter of official acceptance into the program, the students must complete the following steps to complete enrollment into the doctoral program:

1. Submit Proof of Immunization and Application fee to Graduate Studies.
2. Participate in optional interview as requested by the Doctoral Admissions Committee.
3. Enroll in the initial courses for the program.
4. Attend the required orientation session.

### Doctoral Program Curriculum

The Ed.D. degree program in Educational Leadership requires a minimum of 60 semester credit hours as follows:

#### **Research Core:** 18 credit hours (of 18 offered)

EDF 800: Introduction to Doctoral Program and Research Design  
 EDF 801: Writing for Research in Educational Leadership  
 EDF 802: Quantitative Methods in Educational Leadership  
 EDF 803: Qualitative Methods in Educational Leadership  
 EDF 804: Mixed Methods Research in Educational Leadership  
 EDL 880: Research Practicum

#### **Educational Leadership:** 30 credit hours, to be selected from the following course work:

EDL 810: Leadership Theory and Practice  
 EDL 811: Management of Educational Organizations  
 EDL 812: Supervision in Educational Settings  
 EDL 820: Legal Issues and Ethics in Educational Organizations  
 EDL 821: Politics and Community Relations  
 EDL 822: Policy Development and Analysis  
 EDL 823: Fiduciary Management of Educational Organizations  
 EDL 824: Legal Issues in Special Education  
 EDL 830: Foundations of Curriculum Theory and Design  
 EDL 831: Critical Analysis of Current Research on Effective Educational Practice  
 EDL 832: Educational Evaluation  
 EDL 840: Change Theory  
 EDL 841: Organizational Development for Learning Communities  
 EDL 842: Culture, Climate and Change Leadership  
 EDL 871: Special Topics in Instructional Leadership  
 EDL 875: Special Topics in Educational Leadership and Management

EDL 897: Internship

ETEC 812: Leadership in Integration of Emerging Technologies

**Doctoral Dissertation Seminars:** Minimum of 12 credit hours

EDL 898: Doctoral Dissertation Prospectus

EDF 900: Doctoral Dissertation Proposal

EDF 995: Defense and Completion of Dissertation

## Program Elements

### **Graduate Assistantship/Fellowship**

Students who take six (6) or more hours per semester are eligible to be awarded a graduate assistantship and/or graduate fellowship. Please see the Doctoral Program Director for more information.

### **Course Work Requirements and Transfer of Credits**

Subject to approval by the doctoral advisory committee, a maximum of 6 hours of appropriate course work completed as part of another doctoral program may be transferred from other accredited institutions.

### **Academic Expectations**

Students must maintain a minimum cumulative Grade Point Average of 3.00 in all doctoral course work. No more than two courses in which a grade of "C" has been earned may be applied toward the fulfillment of degree requirements.

### **Continuous Enrollment**

The continuous enrollment requirement necessitates that candidates are enrolled each academic term including summer, fall, and spring until completion of all degree program requirements.

### **Residency Requirement**

The residency requirement in graduate programs is intended to ensure that candidates become integrally involved in the academic life of their program and of the university. During the course of study for the Ed.D. degree offered by the Consortium, candidates are required to have an enrollment period of three (3) consecutive academic terms with a minimum of six (6) credit hours per academic term.

### **Admission to Candidacy and Time Limits**

All degree requirements must be completed within six calendar years following admission to candidacy. An extension may be granted if approved by the Dean of the College of Education. Prior work applied to the degree (including transfer and locally-earned credits) must have been completed within nine calendar years immediately preceding the date on which the degree is conferred.

### **Prospectus Defense**

All candidates are required to successfully defend their Prospectus before their committee.

### **Dissertation**

All doctoral candidates are required to complete a dissertation which represents a significant contribution to the body of knowledge in the discipline. Doctoral candidates must (a) form a dissertation committee, (b) prepare and successfully defend a dissertation proposal before the dissertation committee, (c) complete data collection and analysis, and (d) prepare and successfully defend the final dissertation before the dissertation committee. All candidates must be officially enrolled for dissertation credit, whether the candidates are on or off campus.

### **Additional Requirements**

Prospective and enrolled graduate students are reminded that the general academic, financial, and student conduct policies and rules of the Consortium Universities as stated in the university catalogues remain in force and effect unless specifically modified by graduate rules and policies included in the graduate section of the catalogue.

**For More Information**

Please contact the Doctoral Program Director in the Department of Educational Leadership and Technology at 985-549-5713 for additional information.

## Doctor of Nursing Practice

The Doctor of Nursing Practice (DNP) is an academic partnership offered by Southeastern Louisiana University and the University of Louisiana Lafayette. The Doctor of Nursing Practice (DNP) is a terminal professional degree that focuses on the clinical aspects of nursing rather than academic research. The curriculum for the DNP program is consistent with the American Association of Colleges of Nursing (AACN) Essentials of Doctoral Education for Advanced Nursing Practice.

### Purposes

The purposes of the DNP program are to prepare graduate students at the highest level of nursing practice to:

1. Provide complex hospital and community-based care for patients and families.
2. Redesign and evaluate nursing and health care systems.
3. Address shortages of clinical nursing faculty to mentor and educate nurses.

### Admission Procedures

Applicants to the DNP program must apply to the University and the Southeastern Graduate Nursing Program at the same time. See admission to the University section for application deadlines and fees.

### Admission Requirements

Students are admitted as a cohort into the post-master's DNP Program. Cohorts will be admitted in fall semesters. Didactic courses are offered online; however, students will be required to participate in on-campus activities immediately prior to start of the program and at the conclusion of the program when presenting synthesis projects. In addition, there are several courses in the curriculum (i.e., Residency, I-III) with practicum requirements. Prior to enrolling in Nursing 801: Biostatistics, students must provide evidence of completion of a graduate-level statistics course. The graduate-level statistics course must be approved by the DNP Program Coordinator.

Requirements for admission to the DNP program include:

1. A completed application form and payment of the application fee submitted on or prior to the application date.
2. Receipt of official transcripts from each degree-granting college or university previously attended.
3. An earned master's degree in one of the following areas of advanced nursing practice:
  - a. Nurse Practitioner
  - b. Clinical Nurse Specialist
  - c. Nurse Midwife
  - d. Registered Nurse Anesthetist
  - e. Nursing Administration/Leadership
4. Cumulative GPA of at least 3.30 on a 4.0 scale on master's-level course work.
5. Evidence of current, unencumbered U.S. nursing licensure (no restrictions).
  - a. RN license
  - b. APRN license if applicable
6. Three letters of recommendation from individuals who can attest to the applicant's capacity for doctoral study.
  - a. One letter must be from a former faculty member in a nursing program, a current or former nursing supervisor, or nursing leader.
  - b. One letter must be from someone who can attest to the competencies and expertise of the applicant at the advanced practice level.

- c. The third letter is from an individual of the applicant’s choice; however, the letter should address the applicant’s ability to successfully complete a doctoral education in nursing.
- 7. Current resume’ or vitae.
- 8. A document, prepared by the applicant, which addresses the applicant’s:
  - a. Goals for doctoral study which are congruent with the DNP program (See The Essentials of Doctoral Education for Advanced Nursing Practice, which can be accessed at: [www.aacn/nche.edu/publications/position/DNPEssentials.pdf](http://www.aacn/nche.edu/publications/position/DNPEssentials.pdf)).
  - b. Focused area of interest for synthesis project.
  - c. Expression of how acquiring the DNP degree is important to fulfilling his/her career goals.  
The document must be typewritten, double-spaced, in 12 point, Times New Roman font and should be no longer than three pages in length.
- 9. Completion of a telephone interview with the DNP program coordinator.
- 10. Prior to enrollment, students will be required to submit to background checks, drug and alcohol screening, and must meet program health requirements. These screenings will be conducted at the student’s expense.
- 11. Students should be proficient with methodologies utilized in distance education and must possess computer equipment and technology which is compatible with University learning management systems such as Blackboard and Moodle.

### Residency Requirements

Core courses taken at either school in the collaborative are applicable to requirements of each member institution. NURS 809: Advanced Directed Studies and practicum hours required in Residencies I, II, and III can only be taken at the home institution.

### Registration Procedures

- Registration for core and role courses will be held according to their published dates and procedures. An advisor is available to assist students. Information and downloadable forms are available from the School of Nursing webpage, [www.southeastern.edu/graduatenuing](http://www.southeastern.edu/graduatenuing).
- A Professional Degree fee will be assessed each semester of coursework. Students will also be assessed fees for proctored testing of online courses.
- All courses offered are subject to resources availability and sufficient student enrollment.
- Full-time degree plans require from 7-10 credit hours per semester; part-time degree plans require 6 credit hours per semester.
- For limited course slots, preference will be given to regular admission status.

### BSN to DNP Curriculum

The BSN to DNP program consists of 70 credit hours. The BSN to DNP curriculum maintains the MSN degree, as students can opt to exit out after the MSN degree requirements are met. All of the courses required in the DNP programs are delivered in distance accessible formats. Courses are designed to comply with the recommendations in the American Association of Colleges of Nursing’s Essentials of Doctoral Education.

#### Semester 1, Summer

NURS 605: Applied Statistics for the Health Sciences .....3 hours

#### Semester 2, Fall

NURS 801: Biostatistics .....3 hours

NURS 830: Advanced Practice Scholarly and Theoretical Foundations .....3 hours

NURS 618: Pathophysiology for Advanced Practice .....3 hours

**Semester 3, Spring**

NURS 607: Health Assessment and Diagnostic Reasoning for Advanced Practice.....	3 credit hours/60 laboratory hours
NURS 617: Pharmacotherapeutics for Advanced Practice.....	3 hours
NURS 602: Generating Evidence for Nursing Practice .....	3 hours

**Semester 4, Summer**

NURS 682: Advanced Practice Nursing: Family Health I .....	5 credit hours/180 practicum hours
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**Semester 5, Fall**

NURS 683: Advanced Practice Nursing: Family Health II .....	5 credit hours/210 practicum hours
NURS 804: Clinical Scholarship and Analytic Methods for Evidence Based Practice.....	3 hours
NURS 831: Epidemiology and Preventative Care for Populations.....	4 hours

**Semester 6, Spring**

NURS 681: Business, Leadership and Health Policy for Nurse Practitioners .....	3 hours
NURS 684: Advanced Practice Nursing: Family Health III .....	5 credit hours/210 practicum hours
NURS 803: Project Planning .....	3 hours
*May Graduate with MSN*	

**Semester 7, Summer**

NURS 821: Residency I.....	2 hours credit/60 residency hours
NURS 808: Ethics and Health Care Policy.....	4 hours

**Semester 8, Fall**

NURS 822: Residency II.....	4 hours credit/180 residency hours
NURS 807: Organizational and Systems Leadership.....	4 hours

**Semester 9, Spring**

NURS 823: Residency III.....	4 hours credit/180 residency hours
NURS 806: Health Care Informatics .....	3 hours

**Post-Master's DNP Curriculum**

The post-master's DNP program consists of 39 credit hours beyond the master's degree. All of the courses required in the DNP programs are delivered in distance accessible formats. Courses are designed to comply with the recommendations in the American Association of Colleges of Nursing's Essentials of Doctoral Education.

**Semester 1**

NURS 800: Scholarly Foundations for Advanced Practice .....	3 hours
NURS 801: Biostatistics .....	3 hours
NURS 803: Project Planning .....	3 hours

**Semester 2**

NURS 802: Epidemiology .....	3 hours
NURS 804: Clinical Scholarship and Analytic Methods for Evidence Based Practice .....	3 hours
NURS 805: Preventative Care for Populations.....	3 hours
NURS 821: Residency I.....	2 hours

**Semester 3**

NURS 806: Health Care Informatics .....	3 hours
NURS 807: Organizational and Systems Leadership.....	4 hours
NURS 822: Residency II.....	4 hours

**Semester 4**

NURS 808: Ethics and Health Care Policy.....	4 hours
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NURS 823: Residency III.....4 hours

**As Needed**

NURS 809: Advanced Directed Study ..... 3-6 hours

**Synthesis Project**

Each candidate for the DNP is required to complete a synthesis project in the student's area of interest, which incorporates DNP course work and represents an evidenced based intervention, evaluation and dissemination of findings. A student actively engaged in a synthesis project must be officially enrolled in NURS 809: Advanced Directed Study, or a Residency course for credit.

# Course Descriptions

Listed below are the courses offered by departments of the University.

Courses numbered 0 to 99 are developmental and credits earned may not be used to satisfy degree requirements. Courses numbered 100 to 199 are primarily for freshmen, 200 to 299 are primarily for sophomores, and 300 to 499 are primarily for juniors and seniors. Graduate credit is awarded for courses numbered 500, 600, 700, 800, and 900. Listing a 300 or 400 level course along with a companion 500 number indicates that undergraduate students register for the lower number and graduate students register for the upper number. Courses numbered 600, 700, 800, and 900 are open to graduate students only. Bracketed [ ] numbers indicate a previous identification of a course. Curricula are arranged so that students are to register for appropriate level courses each year. An H after a course number in this Catalogue (e.g., English 121H, History 102H) designates an Honors course.

**Common Course Numbering.** Courses that are part of the Louisiana Statewide Common Course Catalogue have a Louisiana Common Course Number, LCCN, bracketed [ ] with a Common Statewide descriptor, number, and course title. For example, [LCCN: CMAT 1213, College Algebra] is the cross-listing for Southeastern's college Algebra course. Additional information about Louisiana's Statewide Common Course Catalogue can be found on the Board of Regent's website.

**Credit Toward the Degree.** Some courses are very similar in content to other courses. When a student takes two or more courses that have similar content, only one of the courses can be used toward the degree. Although the other course(s) cannot be used to satisfy a specific course requirement in the degree, all courses and grades will appear on the transcript and will be used in the calculation of the cumulative grade point average. In the calculation of the degree grade point average, however, since only the courses applicable to the student's curriculum are used, the other course(s) will not be included in the degree grade point average.

Descriptions of affected courses contain a phrase such as, "Credit toward the degree will not be granted for ...". Students should read the course descriptions in this section of the catalogue, or consult with their academic department, if there are questions about whether or not credit for a course will be applicable toward the degree.

**Minimum Length for Academic Courses.** For one semester hour of credit, a class should meet approximately 750 minutes in no less than five days. For two semester hours of credit, a class should meet approximately 1,500 minutes in no less than ten days. A three semester hour course should meet approximately 2,250 minutes in no less than 15 days. Final exam periods may be counted as class time when computing required minutes and required days.

## Accounting (ACCT)

**200. Introduction to Financial Accounting.** [LCCN: CACC 2113, Introduction to Financial Accounting]. Credit 3 hours. Prerequisite: Sophomore standing. An introduction to corporate financial accounting systems including preparing, interpreting, and using financial statements. (Summer, Fall, Spring)

**215. Applications of Technology for Accountants.** Credit 3 hours. Prerequisite: "C" or better in ACCT 200. A study of the technological skills needed in common software applications used by accountants to reinforce accounting concepts and principles. (Fall, Spring)

**221. Intermediate Financial Accounting I.** Credit 3 hours. Prerequisites: "C" or better in ACCT 200 and 2.1 cumulative GPA. A thorough review of the accounting information system emphasizing the accounting cycle, financial statements, and the environment of accounting. (Summer, Fall, Spring)

**225. Managerial Accounting.** [LCCN: CACC 2213, Introduction to Managerial Accounting]. Credit 3 hours. Pre requisite: ACCT 200. A study of managerial accounting including full cost, differential, and responsibility accounting systems. Emphasis is placed on procedures and methods designed to provide information for management decisions. (Not open to accounting majors). (Summer, Fall, Spring)

**312. Intermediate Financial Accounting II.** Credit 3 hours. Prerequisites: "C" or better in ACCT 221 and Junior standing. A continuation of ACCT 221 emphasizing accounting for the assets and liabilities of an entity. (Summer, Fall, Spring)

**313. Intermediate Financial Accounting III.** Credit 3 hours. Prerequisites: "C" or better in ACCT 312, and Junior standing. A continuation of ACCT 312 emphasizing accounting for leases, pensions, income taxes, corporate equity, accounting changes, statement of cash flows, and financial disclosures. (Summer, Fall, Spring)

**315. Accounting Systems and Analytics.** Credit 3 hours. Prerequisite: "C" or better in ACCT 215. A study of the systems that enable financial data to be collected, organized, and communicated; and a study of the tools and techniques used to analyze how financial and non-financial data are being used to make business decisions. (Fall, Spring)

**320. Accounting Information Systems and Procedures.** Credit 3 hours. Prerequisites: "C" or better in ACCT 221, OMIS 350, and Junior standing. A study of the system that enables accounting data to be collected, organized, and communicated in an efficient and effective manner. The course emphasizes the accountant's role in evaluating, designing, and controlling the flow of information. The course also develops skills in using common software applications used to automate accounting systems and perform other analyses. (Fall, Spring)

**331. Cost and Managerial Accounting.** [LCCN: CACC 3113, Cost Accounting (Upper Level)]. Credit 3 hours. Prerequisites: "C" or better in ACCT 221 and Junior standing. A study of the concepts, objectives, and procedures of cost and managerial accounting. Topics include cost volume-profit analysis; job costing and process costing systems; activity-based costing; standard costing and variance analysis; budgeting; and relevant information for decision making. (Summer, Fall, Spring)

**340. Financial Statement Analysis.** Credit 3 hours. Prerequisites: Junior standing and ACCT 225. Interpretation, analysis, and evaluation of financial reports primarily from the viewpoints of company managers, investors, and creditors. (Not open to accounting majors.) (Fall)

**341. Tax Accounting.** [LCCN: CACC 3213, Tax I (Upper Level)]. Credit 3 hours. Prerequisites: "C" or better in ACCT 221 and Junior standing. An introductory course in the fundamentals of federal income taxation. Coverage will primarily focus on the federal tax law as it relates to individuals. (Fall, Spring)

**391. Accounting Internship.** Credit 3 hours. Prerequisites: "C" or better in ACCT 312, 3.0 cumulative GPA, and 3.0 Accounting GPA. Provides training and experience through an assignment with a cooperative CPA firm, company, or government agency selected or approved by the Accounting Internship Coordinator. Students will earn three semester hours credit for their 300 hours of approved work experience. Accounting Internship is an accounting elective and will receive a grade of Pass or Fail only. This course may be repeated for a total of six credit hours for a different work experience with the approval of the Accounting Internship Coordinator. (Summer, Fall, Spring)

**395H. Ethics for Accounting.** Credit 3 hours. Prerequisite: Active status in the University Honors Program or permission of Department Head. An honors course to help students answer the question, "What's the right thing to do?" In addition, students will explore the question, "Once I know what to do, how can I summon the organizational support to help me to act in accordance with my intentions?" The course will involve the study of theoretical perspectives on ethics and the application of those perspectives in business and accounting. Open to all majors. (Spring)

**400/500. Accounting for Governmental and Not-for-Profit Organizations.** Credit 3 hours. Prerequisites: "C" or better in ACCT 312 and Senior or Graduate standing. A study of the specialized accounting, reporting, and auditing requirements applicable to governmental and not-for-profit organizations, as well as issues related to their performance evaluation. Additional work will be required for 500 credit. (Fall, Spring)

**406/506. Accounting Theory.** Credit 3 hours. Prerequisites: "C" or better in ACCT 313, Senior or Graduate standing. A study of past attempts to develop a coordinated statement of accounting theory; an examination of accounting theory with emphasis on financial accounting concepts; and a discussion of the application of accounting concepts to cost, revenue, income, assets, liabilities, and equities. Additional work will be required for 506 credit. (As Needed)

**407. Auditing.** [LCCN: CACC 3313, Auditing (Upper Level)]. Credit 3 hours. Prerequisites: "C" or better in ACCT 313 and Senior standing. A study of audit theory and practice, internal control, audit program development, evidential matter; technology, and reporting. Emphasis will be given to discussion of the ethical, social, and economic forces informing audit judgment. (Summer, Fall, Spring)



**411. Advanced Financial Accounting.** Credit 3 hours. Prerequisites: "C" or better in ACCT 313 and Senior standing. A study of advanced accounting concepts including corporate consolidations, partnerships, international issues, and not-for-profit organizations. (Summer, Fall, Spring)

**413. Independent Study in Accounting.** Credit 3 hours. May not be repeated. Prerequisites: "C" or better in ACCT 313, Senior standing, and the permission of Department Head. A course designed primarily to study current accounting issues in an area mutually agreed upon by the instructor and student.

**432. Advanced Cost Accounting.** Credit 3 hours. Prerequisites: C or better in ACCT 331 and Senior standing. A study of advanced topics in cost and managerial accounting include cost allocation, long and short-range budgeting, quantitative techniques for planning and decision making, cost and profit analysis, marginal income analysis, cost of quality, and generating new plans and making corrective actions. (Spring)

**442/542. Advanced Tax Accounting.** [LCCN: CACC 3223, Tax II (Upper Level)]. Credit 3 hours. Prerequisites: "C" or better in ACCT 341 and Senior or Graduate standing. A course in the federal income taxation of taxpayers other than individuals. Coverage will primarily focus on the federal tax law as it relates to corporations, shareholders, partnerships, and partners. Additional work will be required for 542 credit. (Spring)

**444. Valuation and Financial Analysis.** Credit 3 hours. Prerequisites: ACCT 312 and FIN 381. A study of financial statement analysis, credit analysis, and security valuation. (Spring)

**607. Advanced Auditing.** Credit 3 hours. Prerequisites: "C" or better in ACCT 407 (or equivalent as determined by the Department Head) and Graduate standing. A study of audit theory and practice accomplished through the analysis of professional standards, current events affecting the professional environment, professional literature, technology, and significant cases impacting the profession. (Spring)

**620. Advanced Accounting Information Systems.** Credit 3 hours. Prerequisites: "C" or better in ACCT 320 (or equivalent as determined by the Department Head) and Graduate standing. The study of advanced topics relating to accounting information systems including the analysis of selected professional standards; the evaluation, design and control of systems; and the development of skills using common software applications used to perform advanced analyses. (Fall)

**625. Accounting for Business Decisions.** Credit 3 hours. Prerequisites: "C" or better in ACCT 200 (or equivalent as determined by the Department Head) and Graduate Standing. The fundamental accounting concepts and techniques that relate to planning and control are reviewed. An investigation is made of the concepts that underlie cost behavior patterns, responsibility accounting, cost allocation, and cost systems. Techniques used in budgeting, long-range planning performance measurement and break-even analysis are developed. (Summer, Fall, Spring)

**695. Special Topics in Accounting.** Credit 3 hours. Prerequisites: ACCT 200 (or equivalent as determined by the Department Head) and Graduate standing. A seminar course focusing on selected current issues in accounting. (Fall)

## Applied Computing Technology Software (ACTS)

**472. Internet Programming 1.** Credit 1 hour. Prerequisite: Junior standing or permission of the Department Head. An intensive course on basic coding in HTML and XML for online publishing. One to two hours of lecture and/or lab per week (based on 15 week semester). A laboratory fee is required for this course. (As Needed)

**473. Internet Programming 2.** Credit 1 hour. Prerequisite: Junior standing or permission of the Department Head. An intensive course on coding in PHP, Javascript, and JQuery for server-side interactivity in online publishing. One to two hours of lecture and/or lab per week (based on 15 week semester). A laboratory fee is required for this course. (As Needed)

**474. Web Management.** Credit 1 hour. Prerequisite: Junior standing or permission of Department Head. A study of content management systems, introducing database and server management techniques for online publishing. One to two hours of lecture and/or lab per week (based on 15 week semester). A laboratory fee is required for this course. (As Needed)

## Anthropology (ANTH)

**101. Cultural Anthropology.** [LCCN: CATR 2013, Cultural Anthropology]. Credit 3 hours. A study of the nature and components of culture and the diversity of human cultures. (Summer, Fall, Spring)

**110. Introduction to Physical Anthropology.** [LCCN: CATR 2023, Biological Anthropology]. Credit 3 hours. Evolutionary processes, including adaptation and speciation; examination of fossil and archaeological records of non-human primate and human morphological and social-behavior evolution. (Fall, Spring)

**301. Exploring Archaeology.** Credit 3 hours. An introduction to the past as revealed by the archaeological record. (Fall)

**352. Comparative Family Patterns.** Credit 3 hours. Prerequisite: Sophomore standing. A comparison of selected family patterns in various cultures. Attention given to role performance in each society and comparison of norms, values and attitudes related specifically to the family. Credit is not to be given for both ANTH 352 and SOC 352. (As Needed)

**400/500. Independent Study.** Credit 1-3 hours. Prerequisites: Consent of the Department Head and Junior standing. Student works with an instructor on a one-to-one basis and prepares a research report on an appropriate topic. May be repeated in one to three hour credits for a total of 6 hours. New materials are investigated in each repeat. (As Needed)

**401/501. Special Topics in Anthropology.** Credit 3 hours. Prerequisite: Junior standing or consent of the Department Head. An in-depth study of a particular anthropological topic. May be repeated for a total of six hours. (As Needed)

**403. Archaeological Studies.** Credit 3 hours. Prerequisite: ANTH 101. An examination of the goals, methods, techniques, and interpretation of archaeological investigation. (Spring)

**405/505. Indigenous Peoples of the Americas.** Credit 3 hours. Prerequisites: Anthropology 101, Junior standing, or instructor consent. Also offered as SOC 405/505. Examination of the origin, distribution, ecology, culture and social systems of indigenous populations of the New World. May not be used for credit with GEOG 405/505. (Fall)

**410/510. Culture and the Environment.** Credit 3 hours. Prerequisites: ANTH 101, Junior Standing, or permission of Department Head. A study of the diverse and complex interactions between human culture and the environment. (As Needed)

**411/511. Race and Ethnic Relations.** Credit 3 hours. Prerequisites: SOC 101 or ANTH 101 and Junior standing or consent of the Department Head. Also taught as SOC 411/511. Designed to give an insight into the attitudes of groups, where interrelations are marked by antagonism, discrimination, and conflict. Influence on community welfare considered. Credit is not to be given for both ANTH 411 and SOC 411/511. (Summer, Fall, Spring)

**698. Special Topics in Anthropology.** Credit 3 hours. Selected topics in areas not available in existing courses. May be new or unique issues or contemporary anthropological topics relevant to various social issues. May be repeated for credit when different topics are studied. (As Needed)

## Visual Arts (ART)

**105. Survey of World Art History I.** [LCCN: CART 2103, Art History I]. Credit 3 hours. One semester chronological survey of world art and architecture from the Paleolithic to the Late Gothic eras. Emphasis varies with instructor. Three hours of lecture per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**106. Survey of World Art History II.** [LCCN: CART 2113, Art History II]. Credit 3 hours. One semester chronological survey of the world art and architecture from the Late Gothic to the present era. Emphasis varies with instructor. Three hours of lecture per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**111. Basic Drawing.** [LCCN: CART 2203, Beginning Drawing]. Credit 3 hours. An introduction to the materials, skills, and techniques of the drawing process. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**112. Intermediate Drawing.** [LCCN: CART 2213, Figure Drawing]. Credit 3 hours. Prerequisite: ART 111. Students will investigate the materials and techniques used in drawing – with emphasis on content, the relationship between media to surface, and presentation. The ability ‘to see’ will be developed through careful observation from life and the human figure, while formal approaches will

challenge students to explore a variety of drawing processes. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**115. Basic Ceramics.** Credit 3 hours. A basic introductory course in the techniques of wheel-thrown and hand-built forms, exploration of glazes and glazing procedures, and firing of clay forms. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**117. Printmaking I.** Credit 3 hours. This course is an introduction to the methodologies and concepts of the relief, intaglio, and silkscreen printmaking techniques. Students will gain a working knowledge of the tools, materials, and equipment of a variety of traditional printmaking techniques while creating original prints in a professional studio environment. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**122. Basic Digital Photography.** Credit 3 hours. This course introduces students to the techniques and concepts of photography in a digital platform. Students will receive instruction in basic picture taking techniques, photographic composition, basic digital image correction and output in the digital studio. Assignments emphasize the creative use of photography and encourage enhanced visual literacy. Six hours of studio per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**124. Basic Darkroom Photography.** Credit 3 hours. Prerequisite: Art 122 or permission of Department Head. This course provides a technical foundation in photography using the traditional darkroom. Students are introduced to analogue techniques and equipment, learn to develop film and produce black and white prints. Assignments and critiques familiarize students with the importance of this equipment in contemporary practice as well as the history of the medium. Emphasis is placed on the connection between content and technique with a development of personal vision. A laboratory fee is required for this course. (Fall, Spring)

**151. Basic 2/D Design.** [LCCN: CART 1113, Art Structure/2-D Design]. Credit 3 hours. An introduction to design principles underlying the visual arts. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**152. Intermediate 2/D Design.** [LCCN: CART 2303, Color Theory]. Credit 3 hours. Prerequisite: ART 151. Continuation of design techniques including color characteristics, intervals, and mixtures. Six hours of studio a week. A laboratory fee is required for this course. (Fall, Spring)

**153. Basic 3/D Design.** [LCCN: CART 1123, 3-D Design]. Credit 3 hours. A course introducing spatial and formal techniques pertaining to real space and three-dimensional materials. Students will explore formal elements and principals of design in relation to structure, spatial awareness, sculptural materials and technical processes in the practice of three-dimensional design. Six hours of studio a week. A laboratory fee is required for this course. (Fall, Spring)

**160. Typography.** Credit 3 hours. Prerequisites: ART 111 and 151 or permission of Department Head. This course introduces the fundamentals of typography and focuses particularly on how typographic form and visual arrangement create and support content. Course work employs both handwork and computer technology. Typographic history and theory are discussed in relation to course projects. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**161. Print Design I.** Credit 3 hours. Prerequisites: ART 111, 151 and registration in or prior credit for ART 160 or permission of the Department Head. This course is an introduction to the history and concepts of communication design including typography; integration of type and image; and compositional structures utilizing digital technology. Graphic design industry prepress standards will be introduced. Six hours of studio a week. A laboratory fee is required for this course. (Fall, Spring)

**190. New Media and Animation I.** Credit 3 hours. Introduction to theory and practice of digital image manipulation and creation. Students will explore basics of using the computer as an expressive art-making tool including use of vector and raster graphic software, basic animation, an introduction to the web as an artistic medium and digital photography techniques. Six hours of studio a week. A laboratory fee is required for this course. (Fall, Spring)

**215. Intermediate Ceramics.** Credit 3 hours. Prerequisite: ART 115 or permission of the Department Head. Continuation of ceramic techniques in wheel throwing and hand building, glazing and firing. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**217. Printmaking II.** Credit 3 hours. Prerequisite: ART 117. This course will introduce the methodologies and concepts of photo-based and digital printmaking techniques. Students will gain a working knowledge of the tools, materials, and equipment of a variety of photo-based and digital

printmaking processes. Students will create original prints in a professional studio environment. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**218. Screen Printing.** Credit 3 hours. This course is designed to teach students the principles and concepts of the screen printing process. Students will explore the artistic and commercial applications of this process including image preparation, stencil making, screen mesh selection and screen exposure. Students will also explore a variety of printing techniques as well as ink and surface compatibility. Six hours of studio a week. (Fall)

**220. Intermediate Photography.** Credit 3 hours. Prerequisite: ART 124 or permission of Department Head. This course is designed to refine the techniques and ideas of students working in photography at an intermediate level. Students will complete assignments to expand technical skills in all aspects of the workflow: from image capture, to image manipulation, to archival inkjet printing. Assignments, lectures and readings address theoretical concepts based in historical and contemporary discourses surrounding photography. Students work toward refining ideas and interests through a series of directed projects. A laboratory fee is required for this course. (Fall, Spring)

**231. Sculpture I.** Credit 3 hours. Prerequisite: ART 153. This course is an introduction to concepts and techniques practiced in contemporary sculpture. Through a continuation of experiences gained in ART 153, Three-Dimensional Design, students will expand their knowledge of spatial concepts pertaining to sculpture. Emphasis will be placed on creative problem solving and the development of skills in working with a variety of materials and techniques including welding, wood construction, assemblage and plastic media. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**261. Print Design II.** Credit 3 hours. Prerequisites: ART 160 and 161 or permission of the Department Head. Exploration of intermediate level graphic design for print with references to graphic design history. Emphasis is placed on complex digital pre-press print concerns. Six hours of studio a week. A laboratory fee is required for this course. (Fall, Spring)

**281. Basic Painting.** Credit 3 hours. Prerequisite: ART 111. Introduction to painting techniques, canvas preparation, and basic framing. Six studio hours per week. A Laboratory fee is required for this course. (Summer, Fall, Spring)

**288. Special Topics – Painting and Drawing.** Credit 3 hours. Prerequisites: ART 111, 151 and 117 or 281 or permission of Department Head. An exploration of specific topics related to drawing and/or painting. Content will change from semester to semester. May be repeated as topics change, for a total of six hours. Six hours of studio a week. A laboratory fee is required for this course. (As Needed)

**290. New Media and Animation II.** Credit 3 hours. Prerequisite: ART 190 or permission of the Department Head. A continuation in the study of computer generated imagery, animation, interactive media and the Internet as an artistic medium. The course will focus on hypernarratives and an exploration of how electronic media are expanding and changing the role of the artist and the world in which s/he creates. Six hours of studio a week. A laboratory fee is required for this course. (Fall, Spring)

**299. Sophomore Review.** No Credit. Prerequisites: ART 105, 106, 151, 152, 153, 111, 112 or permission of Department Head. An assessment of student progress through foundation level classes. A committee of Visual Arts faculty will provide feedback on the student's progress and provide guidance in the selection of a specialty area. Students must present a selection of drawings, 2-D and 3-D artworks, and examples of artworks completed in their focus area. Students who do not earn a passing grade in ART 299 may repeat the course one time in order to earn a higher grade. Graded Pass/Fail. (Summer, Fall, Spring)

**300. Special Topics – Studio.** Credit 3 hours. Prerequisite: ART 299 or permission of Department Head. An inquiry into selected topics in visual art, including the theoretical and practical aspects of studio production. Content may vary from semester to semester. May be repeated for a total of nine credit hours, as topics vary. Six hours of studio a week. A laboratory fee is required for this course. (As Needed)

**311. Advanced Drawing.** Credit 3 hours. Prerequisites: ART 112 and 299 or permission of Department Head. Investigation and involvement in a variety of materials and techniques. Emphasis is placed on the inter-relationship of fundamentals, creative techniques, and exploration. Six hours of studio per week. May be repeated for a total of six hours. A laboratory fee is required for this course. (Fall, Spring)

**315. Advanced Ceramics.** Credit 3 hours. Prerequisites: ART 215 and 299 or permission of the Department Head. A continuation of hand-built and wheel-thrown forms, emphasis on glaze

formulation and calculation kiln-firing and experimentation. Six hours of studio a week. May be repeated for a total of six credit hours. A laboratory fee is required for this course. (Summer, Fall, Spring)

**317. Printmaking III.** Credit 3 hours. Prerequisites: ART 217 and 299 or permission of Department Head. Advanced and specialized study within the printmaking processes of intaglio, relief, silkscreen and lithography. Digital images will be adapted to traditional processes. Emphasis on refinement of technique and individual creative expression with the printmaking process will be stressed. The exploration of content and the development of student ideas will be addressed. An advanced studio course with directed studies. Six studio hours a week. May be repeated for a total of six hours. A laboratory fee is required for this course. (Summer, Fall, Spring)

**318. Screen Printing II.** Credit 3 hours. Prerequisite: ART 218, 299, or permission of the Department Head. Advanced and specialized study within the screen printing technique. Emphasis on refinement of technique and individual creative expression will be stressed. The exploration of content and the development of student ideas will be addressed. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**319. Lithography.** Credit 3 hours. Prerequisite: ART 117, 217, 299, or permission of the Department Head. This course will introduce the methodologies and concepts of aluminum plate lithography. Students will gain a working knowledge of the tools, materials, and equipment involved in creating original prints in a professional studio environment. A laboratory fee is required for this course. (Summer, Fall, Spring)

**321. Advanced Photography.** Credit 3 hours. Prerequisites: ART 220 and 299 or permission of Department Head. This course investigates the artistic aspects and technical procedures used in advanced image making. Students will employ advanced techniques in chemical and digitally assisted imagery. Each student will complete a self-directed, exhibition quality final portfolio. Class includes bi-weekly critiques, lab work and lectures, and readings on various photographic techniques and the history of photography. Six hours of studio per week. (Summer, Fall, Spring)

**333. Sculpture II.** Credit 3 hours. Prerequisites: ART 231 and 299 or permission of Department Head. This course will explore major sculptural traditions. Students begin defining and developing their visual vocabulary and technical skills while completing studio assignments in traditional media. Students will research sculptural concepts and participate in discussions and critiques. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**334. Sculpture III.** Credit 3 hours. Prerequisite: ART 333. Individual studies in selected media. Emphasis is placed on individual development in contemporary methodologies, research, concepts and technical skills in order to produce a resolved body of work. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**340. Greek and Roman Art.** Credit 3 hours. Prerequisites: ART 105 or 106 and ENGL 101 or permission of department head. This course surveys the art and architecture of the ancient Greeks and Romans and provides brief introductions of Aegean and Etruscan art. Course content is presented chronologically and considers the styles, techniques, and historical context of the art works. Three hours of lecture a week. (As Needed)

**343. Art in Context.** Credit 3 hours. A variable content course. This course is an in-depth study of the art from a geographical region and/or historical period conducted as part of a study abroad program. May be repeated as topics vary. (As Needed)

**344. Special Topics in Art History.** Credit 3 hours. Prerequisites: ART 105 or 106, and ENGL 101 or permission of the Department Head. The course is a detailed examination of a selected topic. Content may vary from semester to semester. Offerings will include such diverse subjects as specific styles, themes, techniques, media, or artists and their art works. The material is presented as lectures, a research paper, and field trips as applicable. May be repeated once for credit. Three hours of lecture a week. A laboratory fee is required for this course. (As Needed)

**345. Survey of Graphic Design History.** Credit 3 hours. Prerequisites: ART 105 or 106 and ENGL 101 or permission of Department Head. Investigation of graphic design, with the examination of its beginning to its current visual communication role. Included in this analysis will be its relationship to visual art, cultural influences, and technological developments. (Spring)

**347. History of Photographic and Electronic Imaging.** Credit 3 hours. Prerequisites: ART 105 or 106 and ENGL 101 or permission of Department Head. A chronological examination of the significant developments in photography leading up through the development of electronic means of creating and manipulating images. The course will explore the nature of this evolving medium, its

relation to the culture in which it exists with emphasis on its reciprocity with other mediums in visual arts. Three hours of lecture a week. A laboratory fee is required for this course. (As Needed)

**348. Baroque Art.** Credit 3 hours. Prerequisites: ART 105 or 106 and ENGL 101 or permission of Department Head. This course presents European art of the seventeenth century by region, beginning with Italy and followed by Flanders, Spain, France, and the Netherlands. In conjunction with stylistic developments of individual artists, issues such as political geography, religious conflict, and changing social structures are addressed. Three hours of lecture a week. (As Needed)

**361. Print Design III.** Credit 3 hours. Prerequisites: ART 261 and 299 or permission of Department Head. Complex print design problems and digital pre-press exploration of contemporary communication in graphic design. These may include multi-page publication and package design. Six hours of studio per week. A laboratory fee is required for this course. (Fall, Spring)

**362. Motion Design.** Credit 3 hours. Prerequisites: ART 261 and 299 or permission of Department Head. This course will investigate the use of motion within the context of typography and image in graphic design as this applies to client and product promotion and communication. Exploration will include branding, animation and contemporary communication design as applied to the movie and television industries. Six hours of studio per week. A laboratory fee is required for this course. (Spring)

**371. Art for the Elementary Teacher.** Credit 3 hours. Prerequisite: Junior standing. Designed specifically for majors in Elementary Education. A critical analysis of past and present concepts of art education and a study of materials, techniques, activities, and curricula suitable for use in the elementary school program. Lecture, studio, and field experience, 5.25 contact hours a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**373. Art Education in the Elementary School.** Credit 3 hours. Prerequisite: ART 299. This course is a study of art education purposes, trends, policies, and art education's potential as a discipline. This course is an introduction to and exploration of media available for use by the elementary art educator. Students will earn a minimum of twenty (20) hours of direct teaching experience outside of class time. Lecture, lab, and field experience, 5.25 contact hours a week. A laboratory fee is required for this course. (Fall, Spring)

**374. Art Education in the Secondary School.** Credit 3 hours. Prerequisite: ART 299. Theoretical and practical constructs in art curriculum development will be highlighted. Specific methodologies will be used to investigate traditional as well as contemporary modes of pedagogy. Media explorations appropriate to the secondary art program will also be highlighted. Students will earn a minimum of twenty (20) hours of direct teaching experience outside of class time. Lecture, lab and field experience, 5.25 contact hours a week. A laboratory fee is required for this course. (Fall, Spring)

**375/575. Arts and Crafts for Teachers of Special Education.** Credit 3 hours. Prerequisites: Junior standing and ART 371 or permission of the Department Head. Experience with art materials and techniques for the physically handicapped, mentally retarded, learning disabled, and gifted children. Course structure also includes practical experience with special children. One hour of lecture and four hours of studio a week. (As Needed)

**383. Intermediate Painting.** Credit 3 hours. Prerequisites: ART 281 and 299 or permission of Department Head. A combined study of the materials and techniques of painting with emphasis on innovative approaches to content and form. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**384. Advanced Painting.** Credit 3 hours. Prerequisites: ART 299 and 383 or permission of Department Head. Advanced studio course with directed studies. Six hours of studio a week. May be repeated for a total of six hours. A laboratory fee is required for this course. (Summer, Fall, Spring)

**388. Special Topics – Drawing and Painting.** Credits 3 hours. Prerequisite: ART 299 or permission of Department Head. An in-depth exploration of specific topics relating to drawing and/or painting. Content will change from semester to semester. May be repeated as topics change for a total of six hours. Six hours of studio a week. A laboratory fee is required for this course. (As Needed)

**390. New Media and Animation III.** Credit 3 hours. Prerequisites: ART 290 and 299 or permission of Department Head. An exploration of interactive multimedia technologies for the creation and distribution of artistic content using electronic means. Course work will concentrate on the development of interactive applications and game production for desktop and mobile devices. There will be a focus on both asset creation and scripting for these types of applications. Readings and discussions will focus on technical, aesthetic, and theoretical issues relating to this evolving art

medium. Six hours of studio a week. May be repeated for a total of 6 credit hours. A laboratory fee is required for this course. (As Needed)

**393. Three Dimensional Digital Media and Animation.** Credit 3 hours. Prerequisite: ART 299 or permission of Department Head. A studio course focusing on the production and animation of three-dimensional objects on the computer and in real space. Students will be introduced to concepts of 3-D animation for cinema, video, sculpture, or interactive and Web markets. Movement in three dimensional XYZ coordinate space, timelines and intervals will be studied as well as modeling, lighting, and texture mapping. Students will learn to render virtual objects on the computer and in real space using CNC mill technology. Students will become familiar with the history of the medium and contemporary art practice through the presentation of works by various artists, discussions and readings. Six hours of studio a week. A laboratory fee is required for this course. (Fall, Spring)

**394. Time-Based Digital Media I.** Credit 3 hours. Prerequisite: ART 299 or permission of the Department Head. A studio course focusing on the production of digital video within a fine art context. Students will be introduced to basic video shooting skills, non-linear digital video, image animation, and the creation of multi-element imagery for video. Students will create their own digital video works, with an emphasis on artistic expression and experimentation in the use of the video medium for projection, or performance/installation works. Students will become familiar with the history of the video medium and contemporary art practice through screenings of works by various artists, discussions and readings. Six hours of studio a week. A laboratory fee is required for this course. (Fall, Spring)

**395. Independent Study.** Variable Credit: 1, 2, or 3 hours. Prerequisite: ART 299 or permission of Department Head. A written proposal of the subject area and procedures, to be approved by the Department Head and the instructor. Option 1-Studio: Private instruction directed to expand the student's technical and innovative skills. Student may select from any studio area. Option 2-Art History: The selection and investigation of a specific art history topic. May be repeated for credit. A laboratory fee is required for this course. (Spring)

**396. Advanced Web Arts.** Credit 3 hours. Prerequisites: ART 290 and 299 or permission of Department Head. An advanced computer art course that focuses on creating art for presentation on a computer screen or the Internet. Advanced web based artworks, 2-D animation, scripting, and streaming video will be explored. Students will examine the changing dynamics of the computer and the Web as artistic mediums that challenge contemporary notions of how art is presented and understood. Six hours of studio a week. A laboratory fee is required for this course. (As Needed)

**397. The Digital Print.** Credit 3 hours. Prerequisites: ART 299 and ART 221, or ART 290, or ART 217, or ART 261 or permission of Department Head. An advanced course examining mechanical means of creating a fine art print. Various format digital print methods will be explored. Students will be encouraged to utilize digital tools to create prints and to combine these with traditional printmaking and photographic practices. Six hours of studio a week. May be repeated for a total of six credit hours. (As Needed)

**411. Senior Project: Drawing.** Credit 3 hours. Prerequisite: ART 311 or permission of Department Head. An intensive study in drawing or related two-dimensional media intended to develop independence, professionalism and a personal vision in drawing. Six studio hours a week. May be repeated for a total of six credit hours. A laboratory fee is required for this course. (Fall, Spring)

**415. Senior Project: Ceramics.** Credit 3 hours. Prerequisite: ART 315 or permission of Department Head. Intense study of advanced studio problems in clay with emphasis on development of professionalism and high performance. May be repeated for a total of 6 credit hours. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**417. Senior Project: Printmaking.** Credit 3 hours. Prerequisite: ART 317 or permission of Department Head. An intensive study in printmaking intended to develop independence, professionalism, and a personal vision of printmaking. Six studio hours a week. May be repeated for a total of six credit hours. A laboratory fee is required for this course. (Summer, Fall, Spring)

**421. Senior Project Photography.** Credit 3 hours. Prerequisite: ART 321 or permission of Department Head. This course teaches students to develop a long-term body of work. Students will shape and edit their project with the aid of targeted reading and writing assignments, research on the history of art and bi-weekly classroom critiques. Each student will ultimately create an exhibition quality portfolio, a selection of which will be featured in his or her senior exhibition. An emphasis will also be placed on career development and professional practice. May be repeated for a total of 6

credit hours. The two sections of ART 421 required for the Photography concentration must be taken consecutively. Six hours of studio per week. (Summer, Fall, Spring)

**426. Internship: Photography.** Credit 3 hours. Prerequisites: ART 421 and permission of Department Head. Field placement within the photography industry will be implemented under the direct supervision of a professional staff member. This internship will give the student practical experience with the realities of the profession. (Summer, Fall, Spring)

**433. Senior Project: Sculpture.** Credit 3 hours. Prerequisite: ART 334 or permission of Department Head. This course is an intense involvement with a particular sculptural idea resulting in an ambitious body of work for the senior exhibition. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**434. Sculpture IV.** Credit 3 hours. Prerequisite: ART 334 or 393 or permission of Department Head. An advanced course requiring a strong commitment to sculptural practices resulting in a cohesive body of work. Emphasis is placed on contemporary methodologies including kinetic sculpture, installation, and public and site specific art. Course may be repeated for up to six credit hours. Six hours of studio a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**440. Nineteenth Century Art.** Credit 3 hours. Prerequisites: ART 106 and ENGL 101 or permission of Department Head. Study of art, theory, and criticism in a cultural context from Neo-Classicism through the late 19th century. Three hours of lecture a week. A laboratory fee is required for this course. (As Needed)

**442. Early Twentieth Century Art.** Credit 3 hours. Prerequisites: ART 106 and ENGL 101 or permission of Department Head. Study of art, theory, and criticism in a cultural context from the late 19th century to circa 1945. Three hours of lecture per week. A laboratory fee is required for this course. (Fall)

**443/543. Contemporary Art, Theory, and Criticism.** Credit 3 hours. Prerequisites: ART 106 and ENGL 101 or permission of Department Head. Study of art, theory, and criticism from circa 1945 to the present. Three hours of lecture per week. A laboratory fee is required for this course. (Fall, Spring)

**444. Seminar in Art History.** Credit 3 hours. Prerequisite: Nine hours in art history, with three hours at the 300-level or above, ENGL 102, or permission of Department Head. The course is an in depth examination of a selected advanced art historical topic. Content may vary from semester to semester. Offerings will include such diverse subjects as specific styles, themes, techniques, media, or artists and their art works. The material is taught as lectures and readings in research and Methodologies, and includes a position paper. Instructors may also include presentations by visiting lecturers or field trips as they apply. May be repeated for a total of 6 credit hours. A laboratory fee is required for this course. (Spring)

**445. Western Medieval Art.** Credit 3 hours. Prerequisites: ART 105 or 106 and ENGL 101 or permission of Department Head. Medieval Art surveys the visual arts from the end of the Ancient world to the Gothic period. Emphasis is placed on the original function of art works and the historical, cultural, and religious factors that informed their existence. Three hours of lecture per week. (As Needed)

**446. Northern Renaissance Art.** Credit 3 hours. Prerequisites: ART 105 or 106 and ENGL 101 or permission of the Department Head. This course examines the development of art in Northern Europe (the Low Countries, Germany, and France) from the late fourteenth century to the mid-sixteenth century. Focusing on significant artists and art works, emphasis is placed on changing circumstances in artistic practices, function, iconography and patronage. Three hours of lecture per week. (As Needed)

**447. Italian Renaissance Art.** Credit 3 hours. Prerequisites: ART 105 or 106 and ENGL 101 or permission of Department Head. This course is a chronological introduction to the major developments in painting, sculpture and architecture of Italy from the beginning of the fourteenth century to the end of the sixteenth century. Along with the careers and styles of the Renaissance" most brilliant artists, consideration will be given to the political, social, and religious dimensions of the art created. Three hours of lecture a week. (As Needed)

**449. Senior Thesis: Art History.** Credit 3 hours. Prerequisites: Senior standing and completion of ART 443. Option 1: Directed research, based on contact with an art historical object or event, leading to the completion of a written thesis based on a specific investigation of the agreed upon topic. Topics are open and will be mutually agreed upon by directing faculty and student. Students are required to observe the chosen object or event in person. Option 2: Internship in an appropriate art historical setting, resulting in a paper documenting an art historical issue or inquiry, relating to the



field work. Students are required to present their final paper in a departmental forum. A laboratory fee is required for this course. (Fall, Spring)

**456. Internship: Theatre Design.** Credit 3 hours. Prerequisites: THEA 131, THEA 231, and permission of Department Head. Temporary field placement within the theatre, film, or television industry implemented and supervised by the program coordinator or another professional faculty member. This internship will provide the student with hands-on experience and networking opportunities that come with professional work in the field. (Fall)

**459. Internet Design.** Credit 3 hours. Prerequisites: ART 261 and 299. This course will explore World Wide Web design as it applies to graphic design. Successful integration of typography and image and a focus on integrity of design, client satisfaction, successful navigation of Web sites and technological mastery will be emphasized. Six hours of studio a week. A laboratory fee is required for this course. (Fall)

**460. Interactive and Environmental Design.** Credit 3 hours. Prerequisite: ART 361 or permission of the Department Head. This course will explore client based information systems for product introduction, demonstration, and promotion. Environmental and information design systems will be explored as they apply to contemporary technological media such as motion display and digital projection. Six hours of studio a week. A laboratory fee is required for this course. (Fall)

**461. Senior Project: Graphic Design.** Credit 3 hours. Prerequisite: ART 361. Professional-level contemporary communication design assignments including print, motion, Internet, interactive, sound and environmental design. This will be the culminating studio course which will include the creation of a print and digital portfolio for entry into the graphic design industry. Six hours of studio a week. A laboratory fee is required for this course. (Fall, Spring)

**466. Internship: Graphic Design.** Credit: 3 hours. Prerequisite: ART 461 and permission of Program Coordinator. Field placement within the design industry will be implemented under the direct supervision of a professional staff member. This assignment will give the student a hands-on experience with the realities of the profession. A laboratory fee is required for this course. (Fall, Spring)

**467. Photo Editing.** Credit 1 hour. An intensive course on the principles, production practices, and software for photo editing and manipulation in print and online publishing. One to two hours of lecture and/or lab per week. A laboratory fee is required for the course. (As Needed)

**469. Motion and Digital Animation.** Credit 1 hour. An intensive course on the principles, practices, and copyright ethics for motion graphics and animation in the online environment. One to two hours of lecture and/or lab per week. A laboratory fee is required for this course. (As Needed)

**471/571. Arts and Crafts for the Elementary School.** Credit 3 hours. Prerequisite: ART 371 or Graduate standing. An in-depth exploratory course dealing primarily with methods and media used in teaching elementary arts and crafts. Media to be covered: clay, fiber, wood, and graphics. One hour of lecture and four hours of studio a week. (As Needed)

**479. Digital Illustration.** Credit 1 hour. An intensive course on the production practices and techniques in illustration software for print and online publishing. One to two hours of lecture and/or lab per week. A laboratory fee is required for this course. (As Needed)

**483. Senior Project: Painting.** Credit 3 hours. Prerequisite: ART 384 or permission of Department Head. An intensive study in painting or related two-dimensional media intended to develop independence and professionalism. Six studio hours per week. May be repeated for a total of six credit hours. A laboratory fee is required for this course. (Fall, Spring)

**490. Senior Project: New Media and Animation.** Credit 3 hours. Prerequisites: ART 390, ART 393, 394, 396, or 397 or permission of the Department Head. An intensive study of new media intended to develop a cohesive body of computer-based artworks. Through individualized assignments and group critiques students will develop a body of work in one of the following areas: digitally based still imagery, advanced interactive artworks, digital video, motion graphics, 3-D animation, large-format imagery, or web-based artworks. Students will work on developing a body of work for exhibition, and application to graduate study, or professional activity. May be repeated for a total of 6 hours. A laboratory fee is required for this course. (Fall, Spring)

**492. Senior Seminar in the Visual Arts.** Credit 2 hours. Prerequisites: Registration in or prior credit for Senior Project (ART 411, 415, 417, 433, 461, 483, or 490) and concurrent enrollment in ART 499. This course provides a forum for the examination of fine art issues as they relate to the preparation of artwork for exhibition and the marketing of an artist's work. Students will be taught how to document artwork, write an artist statement, create a resume, develop an exhibition proposal and create slide portfolios. The class will explore differences in exhibition forums, such as profit and non-

profit galleries; university galleries; and museums. Various graduate programs will be explored and the application process reviewed. (Fall, Spring)

**493. 3-D Digital Modeling and Animation II.** Credit 3 hours. Prerequisites: ART 393 or permission of Department Head. A study of 3-D computer modeling and animation with an emphasis on modeling for gaming content creation or digital sculpture applications. Students will work with game engines and rapid prototyping technology to create 3-D artworks. Six hours of studio a week. May be repeated for a total of six credit hours. (Fall, Spring)

**494. Time-Based Media II.** Credit hours 3. Prerequisite: ART 394 or permission of Department Head. Advanced creation and analysis of time-based artwork. Artistic concepts and audio-visual technologies utilized in various means of presentation, such as single channel video, experimental sound composition, and multi-channel installations will be explored. Complex artistic statements will be examined in relation to ephemeral art works, performance art, contemporary pop culture, sound art, and the history of video art. Related historical and theoretical readings will be required. A laboratory fee is required for this course. (Fall, Spring)

**495/595. Independent Study.** Variable Credit: 1, 2, or 3 hours. Prerequisites: All fundamental Visual Art courses through 281 and at least Junior standing or approval of the Department Head. A written proposal of the subject area and procedures, to be approved by the Department Head and the instructor. Option 1-Studio: Private instruction directed to expand the student's technical and innovative skills. Student may select from studio area. Option 2-Art History: The selection and investigation of a specific art history topic. Option 3-Art Education: Research into relationships to teaching and learning in the Visual Arts. Undergraduates may repeat the course for a total of 6 credit hours. Twelve credit hours of Visual Arts 595 will permit the graduate student to complete a selected cognate area. A laboratory fee is required for this course. (Fall, Spring)

**497. Internship: New Media and Animation.** Credit 3 hours. Prerequisite: ART 490 and permission of Department Head. Field placement within the Animation, Film, Television, or other industry related to New Media and Animation will be implemented under the direct supervision of a professional staff member. This Internship will give the student a hands-on experience with the realities of the profession. (As Needed)

**499. Thesis Exhibition.** Credit 1 hour. Prerequisite: Senior Projects or permission of Department Head. A course designed to prepare students to present an extensive and visually cohesive body of artwork that demonstrates conceptual maturity, technical proficiency, and an understanding of contemporary artistic practice. (Fall, Spring)

## Departmental Honors Course (ART)

**491. Honors in Art.** Credit 3 hours. Prerequisites: Senior standing, a written project proposal, recommendation of the Art Faculty, and consent of the Head of the Department. An honors course in the Department of Art is designed for students who have demonstrated outstanding ability in studio or art history courses. The course will allow a student to choose one of the following areas: (1) select a concentration in one of the studio areas, (2) research a specific period of art history and/or artistic style, and (3) design and implement a research project which investigates artistic processes and techniques.

## Athletic Training (ATHT)

**141. Prevention and Management of Motor Performance Injuries.** Credit 3 hours. A study of basic prevention, evaluation and management of motor performance injuries. (Fall, Spring)

**203. Foundations of Athletic Training.** Credit 2 hours. Prerequisite: Formal acceptance for progression into the athletic training curriculum. Explores the primary concepts and principles of the injury response process. Emphasizes the centrality of critical thinking to clinical reasoning. Provides scientific principles for application of clinical skills. (As Needed)

**205. Functional Anatomy for Athletic Trainers.** Credit 3 hours. Prerequisite: Formal acceptance for progression into the athletic training curriculum. Functional human anatomy focusing on orthopedic anatomy, neuromuscular anatomy and the fundamental principles of human movement for the physically active individual. (Spring)

**206. Athletic Training Foundations and Practice.** Credit 3 hours. Prerequisite: Formal acceptance for progression into the athletics training curriculum. Guides students in the application of theory to clinical practice. Focuses on the development of cognitive, psychomotor, communication,

and therapeutic interventions as applied to the healthcare of the physically active individual. Introduction to appropriate taping, wrapping, and bracing techniques. A laboratory fee is required for this course. (Spring)

**241. Emergency Health Care for the Athletic Trainer.** Credit 3 hours. Prerequisite: Formal acceptance for progression into the athletic training curriculum. The purpose of this course is to provide the athletic trainer with the knowledge necessary to help sustain life, reduce pain, and minimize the consequences of sudden injury or illnesses of the physically active individual. (Spring)

**300. Field Experiences in Athletic Training I.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATLB 358. Provides the student with the opportunity to practice and apply the athletic training clinical proficiencies under the supervision of a qualified clinical instructor for a minimum of 225 hours per semester. Particular emphasis will be placed on exposure to upper and lower extremity sports. A laboratory fee is required for this course. (As Needed)

**305. Lower Extremity Sports Injury Management.** Credit 3 hours. Prerequisites: Formal acceptance for progression into the athletic training curriculum, ATHT 205 and concurrent enrollment in ATLB 300. A systematic examination of the fundamental principles and concepts of athletic training. Students will develop knowledge in the prevention, assessment, and rehabilitation of athletic injuries. Particular emphasis will be placed on injury management of the hip, knee, thigh, ankle, foot and lower leg. (Fall)

**315. Field Experiences in Athletic Training II.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATLB 366. Provides the student with the opportunity to practice and apply the athletic training clinical proficiencies under the supervision of a qualified clinical instructor for a minimum of 225 hours per semester. Particular emphasis will be placed on exposure to upper and lower extremity sports. (As Needed)

**333. Therapeutic Exercise and Rehabilitation of Athletic Injuries.** Credit 3 hours. Prerequisites: Formal acceptance for progression into the athletic training curriculum, ATHT 372, 305, ATLB 370, and concurrent enrollment in ATHT 340, ATLB 344 and ATLB 304. Appropriate use of therapeutic rehabilitation techniques for athletic injuries. Incorporates evidence-based practice for selection criteria, indications/contraindications, clinical applications and psychological aspects of rehabilitation in a variety of populations. (Spring)

**340. Upper Extremity Sports Injury Management.** Credit 3 hours. Prerequisites: Formal acceptance into the athletic training curriculum and concurrent enrollment in ATLB 344. A systematic examination of the fundamental principles and concepts of athletic training. Includes the opportunity to develop knowledge in the prevention, assessment, and rehabilitation of athletic injuries of the head, spine, thorax, shoulder, upper arm, elbow, forearm, wrist, and hand. (Spring)

**363. Sports Injury Management I.** Credit 3 hours. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATLB 358. A systematic examination of the fundamental principles and concepts of athletic training. Students will develop knowledge in the prevention, assessment, and rehabilitation of athletic injuries. Particular emphasis will be placed on injury management of the ankle, foot and lower leg. (Fall)

**367. Sports Injury Management II.** Credit 3 hours. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATLB 366. A systematic examination of the fundamental principles and concepts of athletic training. Includes the opportunity to develop knowledge and skills in prevention, assessment, and rehabilitation of athletic injuries. (Spring)

**371. Therapeutic Modalities in Athletic Training.** Credit 3 hours. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATLB 370. Provides the student with the opportunity to practice and apply the athletic training clinical proficiencies under the supervision of a qualified clinical instructor for a minimum of 225 hours per semester. Particular emphasis will be placed on exposure to equipment-intensive sports. (As Needed)

**372. Therapeutic Modalities for Athletic Injuries.** Credit 3 hours. Prerequisite: Formal acceptance into the athletic training curriculum. Investigates and analyzes indications, contraindications and biophysics of agents that aid in the healing of athletic injuries, reduction of pain, or assistance in the rehabilitation process. Laboratory activities included set-up and operational procedures of contemporary therapeutic modalities as they relate to the care and treatment of athletic injuries. (Fall)

**400. Field Experiences in Athletic Training III.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATLB 366. Provides the student with the opportunity to practice and apply the athletic training clinical proficiencies under the supervision of a qualified clinical instructor for a minimum of 225 hours per semester. Particular emphasis will be placed on exposure to upper and lower extremity sports. A laboratory fee is required for this course. (As Needed)

**410. Evidence-Based Practice for the Athletic Trainer.** Credit 3 hours. Prerequisite: Formal acceptance for progression into the athletic training curriculum. Understanding of evidence-based practice concepts and terminology to maximize patient outcomes through critically analyzing research literature. (Spring)

**415. Field Experiences in Athletic Training IV.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATLB 470. Provides the student with the opportunity to practice and apply the 150 hours per semester. Particular emphasis will be placed on students' obtaining experiences in a medical clinic. A laboratory fee is required for this course. (Spring)

**420. Athletic Training Senior Clinical I.** Credit 3 hours. Prerequisites: Formal acceptance for progression into the athletic training curriculum, ATHT 420, ATHT 340, ATLB 300, and ATLB 344. Students are responsible for integrating clinical skills learned in the didactic portion of the program into the clinical setting under direct supervision of a qualified preceptor. Students will build on skills and apply psychomotor/clinical proficiencies. This course has a lecture component. A laboratory fee is required for this course. (Fall)

**425. Athletic Training Senior Clinical II.** Credit 3 hours. Prerequisites: Formal acceptance for progression into the athletic training curriculum and ATHT 420. Students are responsible for assisting with the healthcare of athletes in the clinical setting under the direct supervision of a qualified preceptor. Students will build on skills and apply psychomotor/clinical proficiencies. Emphasis will be placed on preparing for the Board of Certification exam. This course has a lecture component. A laboratory fee is required for this course. (Spring)

**455. Medical and Pharmacological Aspects of Athletic Training I.** Credit 3 hours. Prerequisite: Formal acceptance into the athletic training curriculum. Provides the students with an understanding of a comprehensive health care program and the athletic trainer's role within that program. This course will focus on identification and treatment of medical conditions of the respiratory, gastrointestinal, cardiovascular, and integumentary system. This course will also focus on pharmacological agents in relation to pharmacokinetic effects on body systems and therapeutic use. (As Needed)

**462. Administration and Psychosocial Intervention in Athletic Training.** Credit 3 hours. Prerequisites: Formal acceptance into the athletic training curriculum and concurrent enrollment in ATHT 455. Focuses on the organizational and administrative aspects of athletic training programs. Areas of legal and ethical risks for the athletic trainer, measures to reduce those risks and appropriate professional behavior. Also includes content of psychological considerations of injury and illness. (Fall)

**466. Medical and Pharmacological Aspects of Athletic Training II.** Credit 3 hours. Prerequisites: Formal acceptance into the athletic training curriculum and completion of ATHT 455. Provides the students with an understanding of a comprehensive health care program and the athletic trainer's role within that program. This course will focus on the identification and treatment of medical conditions of the nervous, urinary, endocrine, and reproductive systems associated with the physically active individual. This course will also focus on pharmacological agents in relation to pharmacokinetic effects on body systems and therapeutic use. (Spring)

**469. Sports Injury Management III.** Credit 3 hours. Prerequisites: Formal acceptance into the athletic training curriculum and concurrent enrollment in ATLB 468. A systematic examination of the fundamental principles and concepts of athletic training. Includes the opportunity to develop knowledge in the prevention, assessment and rehabilitation of athletic injuries of the shoulder, upper arm, elbow, forearm, wrist and hand. (Fall)

**471. Sports Injury Management IV.** Credit 2 hours. Prerequisites: Formal acceptance into the athletic training curriculum and concurrent enrollment in ATLB 470. A systematic examination of the fundamental principles and concepts of athletic training. Includes the opportunity to develop knowledge and skills in the prevention, assessment and rehabilitation of athletic injuries of the spine. (Spring)

## Athletic Training Lab (ATLB)

**209. Athletic Training Foundations Lab.** Credit 2 hours. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATHT 203. Guide students in the application of theory to clinical practice. Focuses on the development of the cognitive, psychomotor, communication and therapeutic interventions as applied to the healthcare of the physically active individual. Introduction to appropriate taping, wrapping, and bracing techniques. One hour lecture and two hours laboratory a week. A laboratory fee is required for this course. (As Needed)

**210. Clinical Experiences in Equipment-Intensive Sport, Bracing, and Padding.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum and ATHT 206. The focus will be on fitting, assembling, and proper usage of pads and helmets specific to football. Padding, splinting and bracing application to the entire body will be covered as well. Students develop clinical reasoning abilities during preseason football under the supervision of a qualified preceptor. (Summer)

**217. Clinical in Athletic Training.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATHT 206 and ATHT 205. Students develop clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment, under supervision of a qualified preceptor, for a minimum of 150 hours per semester. Introduction to appropriate taping, wrapping, and bracing techniques. (Spring)

**244. Emergency Health Care for the Athletic Trainer Lab.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum and concurrent enrollment in ATHT 241. The purpose of this course is to provide the athletic trainer with the skills necessary to sustain life, reduce pain, and minimize the consequences of sudden injury to the physically active individual. A laboratory fee is required for this course. Two hours of laboratory a week. (Spring)

**300. Lower Extremity Clinical Competency Lab.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum and concurrent enrollment in ATHT 305. Guides students in the application of theory to clinical practice in the prevention, assessment, and rehabilitation of injuries to the knee, hip, thigh, ankle, foot, and lower leg. Two laboratory hours per week. A laboratory fee is required for this course. (Fall)

**303. Clinical Integration and Field Experiences in Athletic Training Lab I.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATLB 358, ATHT 363, ATHT 372. Students continue developing their clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment under the supervision of a qualified approved clinical instructor for a minimum of 225 hours per semester. Particular emphasis will be placed on exposure to upper and lower extremity sports. A laboratory fee is required for this course. (Fall)

**304. Rehabilitation of Athletic Injuries Lab.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum, ATHT 372, and concurrent enrollment in ATHT 333. Application of contemporary therapeutic rehabilitation techniques designed to meet specific treatment goals. During the course, students will use the results of on-going clinical examination to determine when the therapeutic intervention should be progressed, regressed, or discontinued. Two hours of laboratory per week. (Spring)

**305. Clinical Integration Lab I.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum and ATHT 203, 210, 241; ATLB 208, 244; KIN 275 and NURS 233. Students continue developing their clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment. Two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**317. Clinical Integration and Field Experiences in Athletic Training Lab II.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum, and concurrent enrollment in ATLB 366, ATHT 333, and ATHT 367. Students continue developing their clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment and under the supervision of a qualified approved clinical instructor for a minimum of 225 hours per semester. Particular emphasis will be placed on exposure to upper and lower extremity sports. A laboratory fee is required for this course. (Spring)

**320. Clinical Integration Lab II.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum and ATHT 363, 371; ATLB 358, 370 and FCS 342. Students continue developing their clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment. Two laboratory hours per week. A laboratory fee is required for this course. (Spring)

**344. Upper Extremity Clinical Competency Lab.** Credit 1 hour. Prerequisites: Formal acceptance for progression into Athletic Training curriculum and concurrent enrollment in ATHT 340. Guides students in the application of theory to clinical practice in prevention, assessment, and rehabilitation of injuries to the head, spine, thorax, shoulder, upper arm, forearm, elbow, wrist, and hand. A laboratory fee is required for this course. (Spring)

**358. Clinical Competency Lab I.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum and concurrent enrollment in ATHT 363. Guides students in the application of theory to clinical practice in the prevention, assessment, and rehabilitation of injuries to the ankle, foot, and lower leg. Two laboratory hours per week. A laboratory fee is required for this course. (Fall)

**366. Clinical Competency Lab II.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum and concurrent enrollment in ATHT 367. Guides students in the application of theory to clinical practice in the prevention, assessment, and rehabilitation of injuries to the knee, hip, thigh, and pelvis. Two laboratory hours per week. A laboratory fee is required for this course. (Spring)

**370. Therapeutic Modalities in Athletic Training Lab.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum and concurrent enrollment in ATHT 371. Set-up and operational procedures of contemporary therapeutic modalities as they relate to the care and treatment of athletic injuries. Two hours of laboratory per week. (As Needed)

**403. Clinical Integration and Field Experiences in Athletic Training Lab III.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum, and concurrent enrollment in ATHT 455, 462, 469, and ATLB 468. Students continue developing their clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment and under the supervision of a qualified clinical instructor for a minimum of 225 hours per semester. Particular emphasis will be placed on exposure to upper and lower extremity sports. A laboratory fee is required for this course. (Fall)

**405. Clinical Integration Lab III.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum and ATHT 367, 382; ATLB 366 and KIN 326. Students continue developing their clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment. Two laboratory hours per week. A laboratory fee is required for this course. (As Needed)

**417. Clinical Integration and Field Experiences in Athletic Training Lab IV.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum, and concurrent enrollment in ATHT 466, 471, and ATLB 470. Students continue developing their clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment and under the supervision of a qualified approved clinical instructor for a minimum of 225 hours per semester. Particular emphasis will be placed on exposure to upper and lower extremity sports. A laboratory fee is required for this course. (As Needed)

**420. Clinical Integration Lab IV.** Credit 1 hour. Prerequisites: Formal acceptance into the athletic training curriculum and ATHT 462, 469, 471; ATLB 470, 468. Students continue developing their clinical reasoning abilities and athletic training clinical proficiencies in a simulated lab environment. Two laboratory hours per week. A Laboratory fee is required for this course. (Spring)

**468. Clinical Competency Lab III.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATHT 469. Guides students in the application of theory to clinical practice in prevention, assessment, rehabilitation of injuries to the shoulder, upper arm, forearm, elbow, wrist and hand. A laboratory fee is required for this course. Two hours of laboratory per week. (Fall)

**470. Clinical Competency Lab IV.** Credit 1 hour. Prerequisites: Formal acceptance for progression into the athletic training curriculum and concurrent enrollment in ATHT 471. Guides students in the application of theory to clinical practice in prevention, assessment, rehabilitation of injuries to the spine. Two hours of laboratory per week. A laboratory fee is required for this course. (Spring)

## Botany (BOT & BOTL)

**205. Introduction to Botany.** [LCCN: CBIO 2314, Botany I Lec + Lab]. Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154. The biology of plants, emphasizing the ecology, evolution, morphology, and systematics of flowering plants. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As needed)

**347. Vascular Plant Systematics.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Sophomore standing, or permission of the Department Head. An introduction to the identification, naming, classification and evolution of vascular plants. Two hours of lecture and 4 hours of laboratory per week. (As Needed)

**401/501. Plant Pathology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or permission of the Department Head. A study of the nature and causes of disease in plants, emphasizing the principal diseases in Louisiana crops. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**426/526. Plant Physiology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent, Chemistry 101/121-102/122 or equivalent and Junior standing or permission of the Department Head. A study of the life processes of plants emphasizing plant water relations, photosynthesis, transport process, and interactions with the environment. Three hours of lecture and three hours of laboratory per week. (Spring)

**427/527. Plant Stress Ecophysiology.** Credit 4 hours. Prerequisite: Botany 426/526 or equivalent and Junior standing or permission of the Department Head. An advanced course in plant physiology with emphasis on the stress physiology of plants in coastal and changing environments. Topics include non-destructive indicators of plant growth, nutrient stress, drought stress, salt stress, flooding stress, and plant responses to global change, such as increased carbon dioxide concentrations and temperature stress. Three hours of lecture and three hours of laboratory per week. (As Needed)

**429/529. Native Plants of Louisiana.** Credit 4 hours. Prerequisite: GBIO 153 or BIOL 154 or equivalent. An introduction to flowering plant diversity, with a focus on local Louisiana flora. The course will include lectures, laboratories, and field trips. Topics covered will include important plant families, flowering plant systematics, structure of plants with an emphasis on flowers, how to key out plants, use of herbarium specimens for identification, and identification and examination of representative specimens of plant families in the wild. Two hours of lecture and four hours of laboratory per week. (Summer)

**433/533. Phycology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or permission of the Department Head. A study of the freshwater algae of southeastern Louisiana, emphasizing the ecology, taxonomy, and morphology of natural collections. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**481/581. Plant Ecology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 and Junior standing or permission of the Department Head. A study of plants in relationship to their environments, with examples from recent publications in autecology, physiological ecology, population biology and plant community ecology, and with experience in the vegetation and habitats of Louisiana. Two hours of lecture and four hours of laboratory per week. (As needed)

**482/582. Plant Anatomy.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or permission of the Department Head. A study of the anatomy and morphology of seed plants. Two hours of lecture and four hours of laboratory per week. A Laboratory fee is required for this course. (Fall)

## Business Law (BLAW)

**231. [MGMT 231] The Legal Environment of Business.** [LCCN: CBUS 2003, Legal Environment]. Credit 3 hours. A survey of business in its legal environment including topics of ethics, courts, and alternative dispute resolution, torts and criminal law, intellectual property, contracts, sales and product liability, creditor-debtor relations and bankruptcy, business organizations, employment law and discrimination, administrative agencies, and consumer protection. Credit will not be given for both BLAW 231 and 234. (Summer, Fall, Spring)

**232. [MGMT 232] Business Law.** [LCCN: CBUS 2103, Business Law]. Credit 3 hours. A study of the laws affecting the operation of businesses. Topics include commercial paper (checks, promissory notes, certificates of deposit, etc.), credit transactions and security devices (mortgages, pledges, liens, etc.), agency, and bankruptcy. Credit will not be given for both BLAW 232 and 333. (Fall, Spring)

**234. [MGMT 234] The Legal Environment of Business for Accountants.** Credit 3 hours. Prerequisites: Major in Accounting and/or CPA candidate, Sophomore standing, and ACCT 200. Law and legal institutions in society, emphasizing areas of law relevant to business operations, such as federal agencies, courts, contracts, employment obligations, and business organizations; plus the

effect of ethical considerations on such institutions and processes. Credit will not be given for both BLAW 231 and 234. (Summer, Fall, Spring)

**333. [MGMT 333] Commercial Law for Accountants.** Credit 3 hours. Prerequisites: Major in Accounting and/or CPA candidate, Junior standing, and BLAW 234. Legal concepts underlying the Uniform Commercial Code as applied in sales of goods, commercial paper, and secured transactions; applications of bankruptcy, agency, debtor/creditor relationships, insurance, real property, and accountants legal liability. Credit will not be given for both BLAW 232 and 333. (Fall, Spring)

## Career Planning (CPL)

**104. Career Planning.** Credit 3 hours. Prerequisite: Freshman or Sophomore standing. A course designed for students to explore their abilities, goals, and values, to research and explore the opportunities offered in major areas of interest, and to develop the skills of making informed decisions. (Summer, Fall, Spring)

**304. From College to Employment.** Credit 3 hours. Prerequisite: Junior Standing. A course designed to assist students in the transition from the college environment to a related career setting. Students in this course learn job search, application and interviewing strategies using current technology. (Summer, Fall, Spring)

## Chemistry (CHEM & CLAB)

Students who violate the laboratory safety policy of the Department are subject to dismissal from the laboratory and withdrawal from the course.

Credit toward the degree will be granted for only one of the Chemistry courses in each of the following combinations: 101-107-121, 102-122, 103-123, 104-124, 261-265, 263-267, 281-481, 283-485.

**101. General Chemistry I.** [LCCN: CCEM 1103, Chemistry I (Non-Science Majors)]. Credit 3 hours. Prerequisite: An ACT score in Mathematics of 19 or greater or concurrent registration in or prior credit for MATH 105, 151 or 161. The first of a two semester sequence covering the following general topics: metric and temperature conversions, density, calorimetry, mixtures/compounds/elements, chemical and physical properties, structure of the atom and electron configuration, periodic table, bonding, chemical formulas and nomenclature, moles, stoichiometry, chemical reactions, gas laws, and properties of gases, liquids and solids. This course is not recommended for students whose curricula require CHEM 251, 254, 265, 266, and courses numbered above 300. (Summer, Fall, Spring)

**102. General Chemistry II.** [LCCN: CCEM 1113, Chemistry II (Non-Science Majors)]. Credit 3 hours. Prerequisite: CHEM 101. A continuation of CHEM 101 covering topics such as: solutions, concentrations (% composition and molarity), acids/bases, pH, buffers, kinetics, equilibrium, solubility, oxidation/reduction, nuclear chemistry, and an introduction into organic chemistry and biochemistry. This course is not recommended for students whose curricula require CHEM 251, 254, 265, 266, and courses numbered above 300. (Summer, Fall, Spring)

**103. General Chemistry Laboratory I.** [LCCN: CCEM 1101, Chemistry I Lab (Non-Science Majors)]. Credit 1 hour. Prerequisite: Registration in or prior credit for CHEM 101. A series of laboratory experiments designed to illustrate the material studied in CHEM 101 covering such topics as density determination, chromatography, calorimetry, emission spectra, gas laws, chemical changes and data collection. Two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**104. General Chemistry Laboratory II.** [LCCN: CCEM 1111, Chemistry II Lab (Non-Science Majors)]. Credit 1 hour. Prerequisites: CLAB 103 and registration in or prior credit for CHEM 102. A continuation of CLAB 103 covering data collection, solutions chemistry, graphing, colligative properties, titrations, acid-base reactions, limiting reagents, kinetics, equilibrium, oxidation-reduction, organic chemistry syntheses, and qualitative analysis of inorganic and organic substances. Two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**107. Survey of Chemistry.** Credit 4 hours. Prerequisite: An ACT score in Mathematics of 19 or greater or current registration in or prior credit for MATH 105, 151 or 161. A survey course in the applied aspects of general chemistry with related topics in organic chemistry and biochemistry. This



course is designed primarily for students majoring in the Colleges of Business; Education; Nursing and Health Sciences; and Arts, Humanities and Social Sciences. This course may not be used to satisfy the General Education sequence requirement in the Natural Sciences. (Summer, Fall, Spring)

**108. Forensic Science.** Credit 3 hours. Scientific aspects of law enforcement; role and functions of the crime laboratory. This course may not be used to satisfy the General Education sequence requirement in the Natural Sciences. Course consists of three hours of lecture and demonstrations a week. (Fall)

**120. Critical Concepts in Chemistry.** Credit 3 hours. Prerequisite: ACT Math score of 25 or completion of Math 151 or 161. A chemistry course designed to develop fundamental skills necessary for success in general chemistry for science majors through enhancement of problem solving, mathematical and reasoning skills. Topics include measurements, nomenclature, stoichiometry, and chemical equations. (As Needed)

**121. General Chemistry I for Science Majors.** [LCCN: CCEM 1123, Chemistry I (Science Majors)]. Credit 3 hours. Prerequisite: ACT Math score of 25 or completion of MATH 151 or 161 with a grade of "C" or better, or completion of CHEM 120. First semester chemistry course designed for engineering, natural sciences, or life sciences majors. Topics include nomenclature, atomic and molecular structure, chemical equations and stoichiometry, and gas laws. (Summer, Fall, Spring)

**122. General Chemistry II for Science Majors.** [LCCN: CCEM 1133, Chemistry II (Science Majors)]. Credit 3 hours. Prerequisite: Chemistry 121. A continuation of CHEM 121. Topics include intermolecular forces, properties of solutions, kinetics, equilibria, acids and bases, chemical thermodynamics, and electrochemistry. (Summer, Fall, Spring)

**123. General Chemistry Laboratory I for Science Majors.** [LCCN: CCEM 1121, Chemistry I Lab (Science Majors)]. Credit 1 hour. Prerequisite: Registration in or prior credit for Chemistry 121. This laboratory course is designed to illustrate materials studied in CHEM 121. Experiments involve mass/volume measurements and relationships, yield and stoichiometry, calorimetry and thermochemistry, and the manipulation and measurement of gases. Three hours of laboratory per week. A Laboratory fee is required for this course. (Summer, Fall, Spring)

**124. General Chemistry Laboratory II for Science Majors.** [LCCN: CCEM 1131, Chemistry II Lab (Science Majors)]. Credit 1 hour. Prerequisites: CLAB 123 and registration in or prior credit for CHEM 122. This laboratory course is designed to illustrate materials studied in CHEM 122. Experimental methods include quantitative, gravimetric and volumetric analysis, electrochemistry, plus kinetics with computer analysis of experimental data. Three hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**211. Introduction to Chemistry Research.** Credit 1 hour. This course is open to all students. Prerequisite: Consent of faculty mentor and Department Head. This course will teach the fundamental skills necessary to conduct chemical research. This course is given as pass/fail only. Three contact hours per week. This course will be graded Pass/Fail only. A laboratory fee is required for this course. (Summer, Fall, Spring)

**251. Analytical Chemistry.** [LCCN: CCEM 2303, Analytical Chemistry]. Credit 3 hours. Prerequisites: CHEM 122/CLAB 124. This course examines the analytical process from method selection and sample preparation to interpretation and presentation of results focusing primarily on wet chemical methods of quantitative analysis. In depth theoretical and practical aspects of equilibria and complexation chemistry, volumetric and gravimetric analyses, potentiometry, basic spectroscopy, and statistical analysis are included. (Spring)

**254. Analytical Chemistry Laboratory.** Credit 2 hours. Prerequisites: CHEM 122/CLAB 124 and concurrent enrollment or prior credit for CHEM 251. This laboratory course emphasizes classical methods of quantitative analysis. Experimental methods include volumetric titration, gravimetric analysis, and elementary spectroscopy and potentiometry. Statistical treatment of data and presentation of results are essential. Four hours of laboratory per week. A laboratory fee is required for this course. (Spring)

**261. Survey of Organic Chemistry.** [LCCN: CCEM 2203, Organic Chemistry, Survey]. Credit 3 hours. Prerequisite: CHEM 102 or 122. An introduction to the nomenclature, preparation, properties, and reactions of organic compounds, with attention to biological significance. This course is designed for students in Biological and Applied Sciences who are required to take only one semester of organic chemistry. (Summer, Spring)

**263. Survey of Organic Chemistry Laboratory.** Credit 1 hour. Prerequisites: CHEM 102/CLAB 104 or CHEM 122/CLAB 124 and registration in or prior credit for CHEM 261. Designed to acquaint

the student with some of the important laboratory operations and techniques in organic chemistry. Two hours of laboratory a week. A laboratory fee is required for this course. (Summer, Spring)

**265. General Organic Chemistry I.** [LCCN: CCEM 2213, Organic Chemistry I]. Credit 3 hours. Prerequisite: CHEM 122. A study of the compounds of carbon, including nomenclature, properties, structure, stereochemistry, transformations and reactions of organic compounds; principles of organic reaction mechanisms; and the importance of organic chemistry in real world applications. This course is the first half of a two semester sequence and concentrates on the chemistry of alkanes, alkyl halides, alkenes, alkynes, and alcohols. A course designed for students in biological sciences, chemistry, and pre-professional curricula. (Summer, Fall, Spring)

**266. General Organic Chemistry II.** [LCCN: CCEM 2223, Organic Chemistry II]. Credit 3 hours. Prerequisite: CHEM 265. A study of the compounds of carbon, including nomenclature, properties, structure, stereochemistry, transformations, synthesis and reactions of organic compounds; principles of organic reaction mechanisms; and the importance of organic chemistry in real world applications. This course is the second half of a two semester sequence and concentrates on the chemistry of alcohols, ethers, aromatics, ketones, aldehydes, amines, and carboxylic acids and their derivatives. A course designed for students in biological sciences, chemistry and pre-professional curricula. (Summer, Fall, Spring)

**267. General Organic Chemistry Laboratory I.** [LCCN: CCEM 2211, Organic Chemistry I Lab]. Credit 1 hour. Prerequisites: CLAB 124 and registration in or prior credit for CHEM 265. A course designed to acquaint the student with basic organic laboratory techniques including recrystallization, melting point determination, extraction, distillation, and column, thin layer and gas chromatography as well as basic synthetic techniques. A course designed for students in biological sciences, chemistry, and pre-professional curricula. This course is the first half of a two semester lab sequence. Three hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**268. General Organic Chemistry Laboratory II.** [LCCN: CCEM 2221, Organic Chemistry II Lab]. Credit 1 hour. Prerequisites: CLAB 267 and registration in or prior credit for CHEM 266. This course is the second half of a two semester lab sequence. A course designed to acquaint the student with synthetic techniques and structure determination techniques including classical qualitative analysis and spectroscopic analysis including NMR and IR. A course designed for students in biological sciences, chemistry, and pre-professional curricula. Three hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**281. Survey of Biochemistry.** Credit 3 hours. Prerequisite: CHEM 261 or 266. A one-semester survey of basic biochemistry covering the structures and functions of amino acids, proteins, enzymes, carbohydrates, lipids and nucleic acids, metabolism, and gene expression. Other topics include acid-base properties, buffers, enzyme kinetics, membrane structure and transport, and hormones. This course may not be used for a major or minor in chemistry. (Fall)

**283. Survey of Biochemistry Laboratory.** Credit 1 hour. Prerequisites: CHEM 263 and registration in or prior credit for CHEM 281. A one-semester laboratory to accompany CHEM 281 covering such topics as biochemical techniques; buffering capacity; amino acid titrations; detection of proteins, carbohydrates and lipids; enzyme kinetics and inhibition; gene expression and metabolism. This course may not be used for a major or minor in chemistry. A laboratory fee is required for this course. (Fall)

**290. Survey of Physical Chemistry.** Credit 3 hours. Prerequisites: CHEM 122/CLAB 124, PHYS 192/PLAB 194, and MATH 163 or 200. An introduction to the structure and physical states (gaseous, liquid, and solid) of matter, properties of solutions, electrochemistry, kinetics, and chemical thermodynamics. (As Needed)

**391. Physical Chemistry Laboratory I.** Credit 1 hour. Prerequisites: CHEM 251/CLAB 254 and PHYS 221 and registration for or prior credit for CHEM 395. Quantitative physical chemistry measurements, design and construction of apparatus and interpretation of data. Three hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**392. Physical Chemistry Laboratory II.** Credit 1 hour. Prerequisites: CHEM 395, CLAB 391, and registration for or prior credit for CHEM 396. A continuation of CLAB 391. Three hours of laboratory per week. A Laboratory fee is required for this course. (Spring)

**395. Physical Chemistry I.** Credit 3 hours. Prerequisites: CHEM 122/CLAB 124, MATH 201, and PHYS 221. A calculus-based study of physical chemistry. The two main topics of the course are (1) kinetics in the gas phase and in solution, and (2) quantum mechanics and its application to atoms and molecules. (Fall)

**396. Physical Chemistry II.** Credit 3 hours. Prerequisite: CHEM 395. Continuation of CHEM 395. A study of thermodynamics, its statistical foundation in atomic and molecular structure, and its application to kinetics and the chemical equilibrium. (Spring)

**401/502. Chemistry Seminar.** Credit 1 hour. Prerequisite: Senior standing in the Chemistry curriculum or permission of the Department Head. Attendance at departmental seminars, panel discussions, and related professional events and individual presentation of a topic of current research interest. (Spring)

**404/504. Special Topics in Chemistry.** Credit 1-3 hours. A reading course with topics and credit to be decided by agreement between the Department and student. This course may be repeated for a maximum of 9 credit hours if different topics are studied. (Spring)

**410/510. Chemical Literature.** Credit 1 hour. Prerequisite: CHEM 266 or permission of the Department Head. Familiarization with and review of the chemical literature designed to serve as preparation for CHEM 411. (Spring)

**411/511. Chemical Research.** Credit 1-4 hours. Maximum credit four hours. Prerequisites: Prior credit for CHEM 122/CLAB 124 and CHEM 211 (or equivalent research experience) and permission of Department Head. A course designed to give students experience in performing research in one of the fundamental areas of chemistry under the direction of a faculty mentor. Requirements include the keeping of an up-to-date laboratory notebook and the submission of a comprehensive final report. Three clock hours per week per credit hour. A laboratory fee is required for this course. (Summer, Fall, Spring)

**412. Advanced Chemical Research.** Credit 1-4 hours. Three in-lab hours per week per credit hours. Prerequisites: CHEM 395 and CLAB 411 (or equivalent research experience) with consent of the faculty mentor and Department Head. A course designed to provide an environment for students to devise, develop, and carry out an independent research project containing a substantial amount of novelty or originality. The final semester of 412 will culminate with a comprehensive written project report. May be repeated for a total of six credit hours maximum. A laboratory fee is required for this course. (As needed)

**413. Chemistry Internship.** Credit 1-3 hours. Prerequisites: CHEM 251, 266 and CLAB 254, 288, and permission of the Department Head. This course provides practical experience working with professionals in the field of chemistry. Students are responsible for finding a professional sponsor and a faculty mentor when enrolling in this course. Students must maintain an accurate record of work completed, submit a comprehensive final report, and give a seminar presentation. A minimum of 40 hours of supervised work is required per credit hour. May be taken for a total of up to 3 credit hours. (As Needed)

**452/552. Modern Instrumental Analysis.** Credit 3 hours. Prerequisites: CHEM 251, 254, and 266. This course provides a detailed examination of instrument components and design, methods of signal enhancement, methods of calibration, and spectral interpretation. Topics include advanced spectroscopy (AAS, FT-IR, UV-visible, and NMR), modern separations (GC, HPLC, ion chromatography and capillary electrophoresis), electroanalysis (voltammetry, amperometry, coulometry, and chemically and enzyme modified electrodes), and mass spectrometry. (Fall)

**453/553. Instrumental Analysis Laboratory.** Credit 2 hours. Prerequisites: CLAB 268 and concurrent enrollment in or prior credit for CHEM 452/552. This laboratory course emphasizes modern instrumental methods of analysis and hands-on operation of modern instrumentation. Experimental methods include spectroscopy, mass spectrometry, electroanalysis, and chromatography. Six hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**462/562. Physical Organic Chemistry.** Credit 3 hours. Prerequisites: CHEM 266/CLAB 268 and 396. Quantitative mathematical approaches to organic mechanisms; structure related to reactivity. (As needed)

**471/571. Inorganic Chemistry.** Credit 3 hours. Prerequisites: CHEM 266 and 395. Current theoretical models for correlation of inorganic systems; review of major chemical trends across periodic table; oxidation states of elements, oxidation-reduction equilibria, and introduction to acid-base equilibria. Introduction to inorganic stereochemistry including coordination compounds, group theory, organometallic compounds, and electron-deficient molecules. (Even Year Spring Semesters)

**474/574. Inorganic Chemistry Laboratory.** Credit 2 hour. Prerequisites: CHEM 266/CLAB 268 and CHEM 395 and registration in or prior credit for CHEM 471. A course designed to acquaint the student with important laboratory operations and techniques in inorganic and organometallic chemistry. An emphasis will be placed on synthesis and characterization of compounds including the

manipulation of air-sensitive materials. Four hours of laboratory per week. A laboratory fee is required for this course. (Even Year Spring Semesters)

**481/581. Biochemistry I.** [LCCN: CBIO 3403, Biochemistry I (Upper Level)]. Credit 3 hours.

Prerequisite: CHEM 266/CLAB 268. A study of the structure and function of biological macromolecules with emphasis on proteins, enzymes, lipids, carbohydrates, and nucleic acids. A course designed for majors in biology and chemistry. (Fall)

**482/582. Biochemistry II.** [LCCN: CBIO 4413, Biochemistry II (Upper Level)]. Credit 3 hours.

Prerequisite: CHEM 481/581. A continuation of CHEM 481/581 with emphasis on gene expression and metabolism. A course designed for majors in biology and chemistry. (Spring)

**485/585. Biochemistry Laboratory I.** [LCCN: CBIO 3401, Biochemistry I Lab (Upper Level)].

Credit 1 hour. Prerequisite: Registration for or prior credit for CHEM 481. A laboratory to accompany CHEM 481. Experiments are designed to demonstrate the properties of amino acids, proteins, carbohydrates, lipids, and nucleic acids with emphasis on enzyme kinetics and protein purification. Three hours of laboratory a week. Students taking this course for graduate degree credit must complete an independent research project and a written research paper summarizing the project. A laboratory fee is required for this course. (Fall)

**486/586. Biochemistry Laboratory II.** [LCCN: CBIO 4411, Biochemistry II Lab (Upper Level)].

Credit 1 hour. Prerequisites: Registration for or prior credit for CHEM 482 and prior credit for CLAB 485. A laboratory to accompany CHEM 482. Experiments are designed to demonstrate some of the major metabolic pathways with emphasis on energy considerations and interrelationships of the pathways. It also emphasizes the flow of genetic information through replication, transcription, and translation. Three hours of laboratory a week. A laboratory fee is required for this course. Students taking this course for graduate degree credit must complete an independent research project and a written research paper summarizing the project. (Spring)

**491/591. Theoretical Chemistry.** Credit 3 hours. Prerequisites: CHEM 396 and PHYS 222/PLAB

224. Advanced treatment of fundamental principles of physical chemistry. Selected topics chosen from electro-chemistry, photochemistry, surfaces and colloids, solid state chemistry, crystallography, solutions (ideal and real), and statistical thermodynamics. (As Needed)

**492/592. Quantum Chemistry.** Credit 3 hours. Prerequisite: CHEM 491. Fundamental concepts

of quantum mechanics with application to atomic and molecular structure, the chemical bond, symmetry, and spectroscopy. (As Needed)

**610. Chemical Processes.** Credit 3 hours. Prerequisite: CHEM 266 or equivalent. A course

designed to study important chemical processes in industry. Examples from the commodity chemical, polymer, pharmaceutical and agricultural industries will be studied. The content will include basics in the scientific, legal, and economic issues associated with the industry such as petrochemical processing, costs associated with raw materials, scale-up marketing, energy, and process waste. (As Needed)

**621. Conceptual Frameworks in Introductory Chemistry I.** Credit 3 hours. Prerequisite:

Permission of the Department Head. This course will provide a rigorous treatment of conceptual frameworks in chemistry while modeling appropriate technologies and teaching methodologies. Three major themes will guide the course; the process of science, the relationship between molecular structure and physical/chemical properties; and the relationship between the macroscopic, microscopic, and symbolic representations of matter. Topics covered include atomic structure, molecular structure, solids and liquids, and stoichiometry. (As Needed)

**622. Conceptual Frameworks in Introductory Chemistry II.** Credit 3 hours. Prerequisite:

CHEM 621. This course will provide a rigorous treatment of conceptual frameworks in chemistry while modeling appropriate technologies and teaching methodologies. Three major themes will guide the course; the process of science, the relationship between molecular structure and physical/chemical properties; and the relationship between the macroscopic, microscopic, and symbolic representations of matter. Topics covered include equilibrium, acids and bases, oxidation-reduction, thermodynamics, and kinetics. (As Needed)

**650. Environmental Chemistry.** Credit 3 hours. Prerequisite: CHEM 251 or equivalent. Critical

phenomena in the environment will be studied. Topics include redox equilibria in natural waters, complexation in natural water, environmental chemistry of soil, atmospheric pollutants, and techniques for monitoring these phenomena. There will be a field component to this course. (As needed)

## Communication (COMM)

**101. Orientation to the Study of Communication.** Credit 1 hour. Prerequisites: Open only to communication majors and communication education majors. Students who are undecided on a major may register for the course with the permission of the Department Head. An exploratory survey focused on socializing students to the discipline of communication. The course provides an overview of the fields of applied communication, electronic media, multi-platform communication, organizational communication, public relations and speech communication and an in-depth examination of the roles of producers, directors, managers, and journalists in an information society. Emphasis is also placed on developing an understanding of the importance of communication among people with diverse cultural backgrounds. (Fall, Spring)

**102. Professional Traditions in Communication.** Credit 1 hour. Prerequisite: COMM 101 or permission of the Department Head. A preparation for advanced study of the field of communication. Students will examine the role of professional associations, become acquainted with professional literature, and investigate internship and cooperative employment opportunities. (Fall, Spring)

**121. Photojournalism/Basic Photography.** Credit 3 hours. Also offered as ART 122. The course includes basic picture-taking techniques, the beginnings of photographic composition, basic camera-handling, basic lighting, and graphic production associated with digital photography. Students may take a parallel track which emphasizes the expressive art form rather than the photo documentation and reporter-editor relationship. Credit cannot be given for both COMM 121 and ART 122. (As Needed)

**151. Writing for the Mass Media.** Credit 3 hours. Prerequisites: Successful completion of or concurrent enrollment in COMM 101 and eligibility for ENGL 101 or permission of the Department Head. A study of basic information gathering and writing techniques for the communication profession. (Fall, Spring)

**155. Standards of Technology in Professional Communication.** Credit 3 hours. A study of the qualities that are generally considered the highest level of presentation design and display in the Communication profession. Topics may include podcasting, still and video photography, and drone journalism. (Fall, Spring)

**159. Survey of Mass Communication and Society.** Credit 3 hours. Prerequisites: Successful completion of or concurrent enrollment in COMM 101 or permission of the Department Head. A survey of the influences of the mass media on our society and culture. This course examines the content of the news media and the entertainment industry and its effects on such areas as politics, social mores, public opinion and economics. The implications of present day rapid communication technology are also examined. (Fall, Spring)

**210. Communicating in the Classroom.** Credit 3 hours. The course offers prospective teachers a study of basic communication skills and how they relate to the teaching and learning process. Students cannot receive credit for both COMM 210 and 211. This course requires up to 20 additional field experience hours per semester. (Fall, Spring)

**211. Introduction to Public Speaking.** [LCCN: COMM 2013, Public Speaking] Credit 3 hours. Training in the organization of materials and the oral and physical aspects of delivery in various speaking situations. Intended to give the beginning student an understanding of and practice in public speaking. (Summer, Fall, Spring)

**211H. Introduction to Public Speaking for Honors Students.** Credit 3 hours. Prerequisite: Authorization by the Director of the Honors Program. Training in the organization of materials and the oral and physical aspects of delivery in various speaking situations. Intended to give the beginning student an understanding of and practice in public speaking, with in-depth examination of rhetoric and historic speeches. (Fall, Spring)

**213. Debate.** [LCCN: COMM 2113, Argumentation and Debate] Credit 3 hours. A study of the theory of argumentation and debate; class debating on vital local and national questions. (As Needed)

**215. Introduction to Interpersonal Communication.** [LCCN: COMM 2213, Interpersonal Communication] Credit 3 hours. An introduction to the communication process. Survey and application of intra-and interpersonal communication with special emphasis given to communication models, the message, the sender, and resulting behavior. (Fall, Spring)

**256. Introduction to Radio Production.** Credit 3 hours. Prerequisites: COMM 151 and 159. A study of the techniques of radio production. Studio program production procedures used in radio

broadcasting. Students will engage in practical work in all areas of production as well as several program formats. Six hours of lecture/laboratory per week. (As Needed)

**257. Introduction to Television Production.** Credit 3 hours. Prerequisites: COMM 151 and 159. A study of the techniques used in basic studio and remote productions including film-style productions. The course will concentrate on the use of equipment, providing actual hands-on experience in television production. Students will study all areas of production skills dealing with the major formats in programming. (As Needed)

**260. Field Video Production and Editing.** Credit 3 hours. Prerequisites: COMM 151, 159, and 257. An intermediate study of remote video preproduction, production and an introduction to postproduction technique. Concentration on producing, directing, film-style, videography, and editing. Practical application of shooting and interviews, stand-ups, and video segment footage to work in tandem with news, news magazine, entertainment-oriented, and sports shows. (As Needed)

**270 [370]. Introduction to Public Relations Communication.** Credit 3 hours. An introductory course that explores the role of communication in the field of public relations. Emphasis will be placed on public relations as a career that utilizes a variety of professional communication skills to help organizations build and maintain relationships with their publics. Students will learn about communication strategies, theories, roles, and opportunities within the context of public relations. (As Needed)

**316. Communication Approaches to Training and Development.** Credit 3 hours. Prerequisite: Junior Standing. Emphasizes development of training sessions within organizations. Diagnostic methods for assessing needs and determining the utility of specific training are explored. Roles of consultants, in-house human resource trainer, and liaison with subject matter experts are differentiated. Students will develop training modules for communication skills training. (As Needed)

**321. Magazine Writing and Editing.** Credit 3 hours. Prerequisite: COMM 151. An intensive study of non-fiction magazine writing and editorial methods. This course includes study of traditional magazines as well as developing electronic forms. (As Needed)

**340. Public Affairs and Depth News Reporting.** Credit 3 hours. Prerequisite: COMM 151. Practice in precision journalism methods and in gathering and writing news stories on government, industry, education, and society. (As Needed)

**341. News Editing, Design and Typography.** Credit 3 hours. Prerequisite: COMM 151. A study of copy editing, headline and outline writing, page design, and electronic delivery. (As Needed)

**344. Feature Writing.** Credit 3 hours. Prerequisite: COMM 151. Developing and writing human interest and in-depth articles. (As Needed)

**354. Broadcast Copywriting, Sales, and Promotion.** Credit 3 hours. Prerequisites: COMM 151 and 159. Writing of commercial and public service spot announcements; design of broadcast sales and promotion campaigns. The course will include designing a broadcast campaign for a local merchant. (As Needed)

**357. Television Studio Production.** Credit 3 hours. Prerequisites: COMM 151, 159, 257, and 260. A course designed to develop studio production skills for students seeking a professional career in television and video. The study and operation of studio and control room positions for various award-winning, weekly, television news shows including "Northshore News." Includes studio anchoring, producing, camera operation, floor managing, directing, technical directing, audio mixing, videotape operation, computer graphics, and teleprompter operation. Four hours of lecture/laboratory per week. It is strongly recommended to take COMM 357 concurrently with COMM 363. (As Needed)

**359. Broadcast Journalism.** Credit 3 hours. Prerequisite: COMM 151 and 159. The study and practice of news gathering and writing for radio and television. (As Needed)

**363. Television Reporting.** Credit 3 hours. Prerequisites: COMM 151, 159, 257, and 260. A course designed to develop reporting skills for future news, sports, and entertainment reporters and producers. This course is meant for students who seek professional careers as television journalists. Includes researching, writing, reporting, producing, shooting, and editing news sports, and entertainment stories and feature packages for the award-winning, weekly television news show, "Northshore News." It is strongly recommended to take COMM 363 concurrently with COMM 357. (As Needed)

**364 [464]. Public Relations Case Studies.** Credit 3 hours. Prerequisite: COMM 270 or Junior standing. Advances the student's knowledge of public relations through the exploration of case studies which exemplify the successful use of research, objectives, programming and evaluation in different types of public relations organizations. (As Needed)

**369. Film History.** Credit 3 hours. A study of the history of film encompassing motion pictures' birth as an industry in the late 1800s and continuing through the present day. The course will study a timeline of film and technology of film focusing on films' ability to communicate ideas and emotions and how audiences can be influenced by filmmakers. (Spring)

**371. Nonverbal Communication.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A course designed to explore the various theories of and approaches to nonverbal communication. (As Needed)

**376 [275]. Visual Communication.** Credit 3 hours. Prerequisite: Open only to Communication majors. A study of the visual aspects of information within a framework of personal, technical, ethical, cultural, and critical perspectives. (As Needed)

**378. Family Communication.** Credit 3 hours. Prerequisite: COMM 215. Examines the role of communication within marriage and other family relationships. (As Needed)

**391 [291]. Communication Theory and Research.** Credit 3 hours. Prerequisite: COMM 101, and 102 or permission of the Department Head. Application of theories to communication examples and examination of research tools used in the study of communication. Recommended to be taken during the sophomore year. (Fall, Spring)

**400. Special Topics in Communication.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A variable content course which treats subjects of special interest. The content will change from semester to semester and will be advertised in advance. May be repeated for a total of 15 hours as topics change. (As Needed)

**401/501. Scholastic Journalism.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A study of theories and practice in the teaching of mass media principles and/or advising of student newspapers, magazines, yearbooks, on-line operations and broadcast programming on the secondary school level. Variable content. May be repeated for a total of six hours. (As Needed)

**402. Television Sports Show Production.** Credit 3 hours. Prerequisites: COMM 151, 159, 257, and 260. Writing, reporting, producing, shooting, and editing sports stories and feature packages for, the weekly studio production of an Emmy-winning, ESPN style television sports show - "The Big Game." (As Needed)

**403-404/503-504. Independent Study in Communication.** Credit 3 hours. Prerequisite: Junior standing and permission of the Department Head. Readings, conferences, reports, and/or special projects in one of the subject areas of the fields of Communication. (As Needed)

**408. Performance for Broadcast Media.** Credit 3 hours. Prerequisites: COMM 151, 159, 211 or permission of Department Head. A course designed to develop talent for future broadcast performers on camera and on microphone. Course meant for students who plan to seek professional careers as on-air broadcast talent. Examination of past and current presentational styles and techniques through lectures and demonstrations. Analysis of current professionals on the local, regional, and network levels of television and radio. (As Needed)

**409. News Magazine Show Production.** Credit 3 hours. Prerequisites: COMM 151, 159, 257, and 260. A study of what makes a memorable television news feature story for a general broadcast audience. Students are guided through the reporting, writing, and editing stages as they produce features to be aired on the award-winning quarterly news magazine show, "The Southeastern Times." (Fall)

**410/510. Intercultural Communication.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head. A course designed to explore the various studies, theories, problems, and opportunities related to cross-cultural communication. Application of findings intended to enhance the student's knowledge of cross-cultural communication and to facilitate the student's communication abilities. (Summer, Fall, Spring)

**411/511. Persuasion.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A contemporary study of persuasion offering a comprehensive examination of the nature of persuasion, persuasion theory, and its social influences with additional emphasis on techniques and strategies in persuasive communication. (As Needed)

**413/513. Business and Professional Speaking.** Credit 3 hours. Prerequisite: COMM 210 or 211. Advanced training in rhetoric, interviewing, group dynamics, leadership, and audience analysis. (As Needed)

**417/517. Web Page Communication and Design.** Credit 3 hours. Requires instructor authorization. The course deals with Hypertext Markup Language (HTML), design basics, and how the Web acts as a communication tool in today's business and social environment. This class teaches

students Web page design and construction as it relates to the concepts of communication theory. Students will be required to have their own Internet Web account and construct a fully-functioning Web site that will be posted to the World Wide Web. This course will be offered in both an online and in-class format. Students will choose which format to take. (As Needed)

**418/518. Small Group Communication.** Credit 3 hours. Prerequisite: Junior standing. An investigation of the dynamics of small group communication, leadership, and decision-making, particularly as these groups function as subgroups of larger organizations. (As Needed)

**424. Television Advertising Design and Production Studio.** Credit 3 hours. Prerequisites: COMM 260 for Communication majors or ART 290 for Art majors or MRKT 303 for Marketing majors or permission of the Department Head. The marketing strategy and development, sale, design, and film-style production of video commercials, promotional spots, PSAs, infomercials and image campaigns for broadcast on television and the Internet. Includes broadcast graphics, animation and design. Students design and produce spots and promotional programs for real-life clients, including university departments, which air on the Southeastern Channel and university websites. Students from three separate disciplines (Communication, Digital Arts, and Marketing) come together in a real-world, studio laboratory setting to function together as a mini-advertising agency in producing film and video advertisements where students from each discipline will be required to function and perform separate team duties which utilize their specific departmental training and expertise, all while working together as an advertising "team," i.e., (1) Marketing students will develop and implement marketing strategies, campaigns, and sales; (2) Communication students will handle writing, preproduction, and film-style production and postproduction of spots; and (3) Digital Arts students will shape and execute broadcast design, graphics, and animation for the spots, including certain contributions to production and postproduction. (As Needed)

**427. Field Study in Professional Communication.** Credit 1 hour (May be repeated for a total of 6 hours). Prerequisites: Junior standing, major in communication and permission of the Department Head. Intended to provide students with first-hand experience with various phenomena or organizations associated with professional communication. Students will focus their interests on areas related to the focus areas in the communication major. (As Needed)

**430/530. Convergence Media.** Credit 3 hours. COMM 151. This course will introduce students to convergence media. Students will participate in advanced journalistic writing and practice their skills through live, edited web blogging. The lectures will focus on technology in journalism and on adding multi-media elements to support stories. (As Needed)

**433. Leadership and Communication.** Credit 3 hours. Prerequisite: Junior Standing. An investigation into approaches to leadership from a communication perspective. Students enrolled in this course will learn about approaches to leadership and the theories emanating from these approaches from both historical and contemporary sources; each student will complete a number of self-report leadership assessment instruments. (As Needed)

**449/549. Advanced Video Production and Editing.** Credit 3 hours. Prerequisites: COMM 151, 159, 257, and 260. An exploration of advanced videography, lighting and audio techniques. Emphasis on field production using film-style shooting and editing. (As Needed)

**451/551. Media Management and Economics.** Credit 3 hours. Prerequisite: COMM 159 or Junior standing or permission of the Department Head. A study of legal regulations, audience analysis, marketing, administrative policies and financial conditions affecting the operation of print and broadcast media. (As Needed)

**453. Communication Law and Policy.** Credit 3 hours. Prerequisites: COMM 101, 102, and 159 or permission of the Department Head. This course will study the relationship between media and government. In its discussions the course will study issues such as First Amendment Rights and those court cases which have shaped the present constitutional and legal environment of information gathering and writing for the mass media in America. (Summer, Fall, Spring)

**456/556. Social and Ethical Issues in Mass Communication.** Credit 3 hours. Prerequisite: Junior standing or COMM 159. Mass media from an ethical viewpoint. Includes the theory of mass communication, media functions, and the process and effects of mass communication. (As Needed)

**458/558. International Communication and Media.** Credit 3 hours. Prerequisite: COMM 159 or Junior standing or permission of the Department Head. A study of the history and development of current practices in international communication. Emphasis placed on objectives, policies, and problems of international communication. (As Needed)

**459. Communication Internship.** Credit 3 hours. Prerequisite: Junior standing and approval by Communication Internship Committee. Provides training and experience in a working environment



with a newsroom, station or other approved setting. Periodic reports and meetings with a faculty supervisor are required. (As Needed)

**460/560. Advanced Audio Production.** Credit 3 hours. Prerequisites: COMM 151, 159, and 256. To extend the student's mastery of the production techniques taught in the introductory course. Assignments are of greater length and difficulty, working toward professional broadcast quality productions through supervision, guidance, and critiquing. Topics may include: multi-track recording, advanced editing techniques, remote and studio productions, recording aesthetics, music technological advances, audio for film/TV. Six hours of lecture/laboratory per week. (As Needed)

**461/561. Media Criticism.** Credit 3 hours. Prerequisite: COMM 159 or Junior standing or permission of Department Head. An investigation of the critical process as it applies to the news media and entertainment industry in America. (As Needed)

**463/563. Writing for Public Relations.** Credit 3 hours. Prerequisite: COMM 151 and 159. Writing of scripts, press releases and online items for educational organizations, government and business. Emphasis is placed on conceptualization, audience analysis, research, dialogue and visualization. (As Needed)

**465/565. Public Relations Campaigns.** Credit 3 hours. Prerequisites: COMM 364 and 463. Gives students the opportunity to apply what they have learned of public relations strategies, writing and case studies in the creation of a public relations campaign. (As Needed)

**466. Special Events Planning.** Credit 3 hours. Prerequisites: COMM 151, 159 or Junior Standing. This course will introduce students to the planning, organizing, managing, promotion and evaluation of special events such as festivals, conventions and trade shows. (As Needed)

**467/567. Public Relations Crisis Communication.** Credit 3 hours. Prerequisites: COMM 270 and 364. The course will cover corporate crisis management, global crises and the cultural factors that affect them, product recall, issues management, creating a crisis response plan, internal and media relations during a crisis and the seven deadly sins of crisis response. (As Needed)

**471. Organizational Communication.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A course designed to explore the various theories, approaches, and opportunities relating to oral and nonverbal communication in organizations. (As Needed)

**475. Gender Communication.** Credit 3 hours. Explores the various approaches, methodologies, issues, theories, and controversies related to gender communication. (As Needed)

**485/585. Health Communication.** Credit 3 hours. Prerequisite: Junior standing. Health Communication is an emerging specialty in the field of communication. The study is concerned with human interaction in the health care process. (As Needed)

**493/593 [353]. History of Mass Communication.** Credit 3 hours: Prerequisite: COMM 159 or junior standing. A lecture course emphasizing the development of print and broadcast media in the United States. (As Needed)

**495/595 [345]. Opinion Writing: Editorials and Critical Reviews.** Credit 3 hours. Prerequisite: COMM 151 or ENGL 102. Practice in writing editorials and critical reviews of the arts for print, online, and broadcast, and a review of opinion/editorial and arts and entertainment media coverage policies. (As Needed)

**498. Professional Seminar in Communication.** Credit 3 hours. Prerequisites: A major in communication with 100 or more credit hours earned which must include successful completion of COMM 151, 159, 211, 215, 391, 453 and a completed graduation application or permission of the Department Head. A study of the opportunities for professional growth and development in the fields of applied communication, electronic media, multi-platform journalism, organizational communication public relations and speech. (Fall, Spring,)

**616. Communication Training, Assessment, and Development.** Credit 3 hours. Prerequisite: Graduate standing. Covers topics such as diversity awareness, media relations, intercultural communication, leadership, conflict management, and creativity as well as covers theories of learning and motivation, needs assessment, learning environments, and instructional technology. Students taking COMM 616 will be required to complete a project in which they conduct an analysis and needs assessment of an organization. (alternating Fall semesters)

**619. Advanced Interpersonal Communication.** Credit 3 hours. Prerequisite: Graduate standing. This course will examine the dynamics of human interaction, particularly as related to organizational functioning. Special emphasis will be placed upon findings from communication theory and research. (alternating Spring semesters)

**620. Organizational Culture and Diversity Issues.** Credit 3 hours. Prerequisite: Graduate standing. This course examines organizational culture and diversity in the modern workplace. It will

apply intercultural communication theories to situations and issues that arise in organizations composed of members of different nationalities, races, gender, age, and ethnic backgrounds. Special attention will be given to motivation, negotiation, and conflict resolution issues. (alternating Fall semesters)

**621. Communication Campaigns.** Credit 3 hours. Prerequisite: Graduate standing. A study of communication campaigns in such areas as crisis situations, public communication promotions, policy approval, and product advertising. (alternating Fall semesters)

**626. Legal Issues in Organizational Communication.** Credit 3 hours. Prerequisite: Graduate standing. This course will address contemporary issues facing members of organizations such as violence in the workplace, sexual harassment, age discrimination, privacy issues regarding email and computer use, gender discrimination, ADA requirements, and the relationship between media and government. Will also examine the issue of intellectual property, and court cases, which have shaped the present constitutional and legal communication environment. (alternating Spring semesters)

**627. Ethical Issues in Organizational Communication.** Credit 3 hours. Prerequisite: Graduate Standing. A study of micro and macro issues of ethics and morality that affect the conduct of communication within an organization. Main topics include accountability, employee/member voice, legitimacy, and whistleblowing. (alternating Fall semesters)

**631. New Technologies and Organizational Communication.** Credit 3 hours. Prerequisite: Graduate standing. Examines the development of new communication systems and methods for business, media, government, and education applications. Particular attention will be given to new mediated communication including the World Wide Web and HTML programming; digital video and delivery systems; and any new communication formats that arise. (alternating Spring semesters)

**633. Communicating Leadership.** Credit 3 hours. Addresses major theories and perspectives regarding the study of leadership in organizations utilizing both historical and contemporary resources. Students will be introduced to each approach and gain additional insights into the strengths and limitations of each. They will learn to critically analyze each approach by examining relevant studies and criticisms. (alternating Spring semesters)

**648. Writing for Organizations.** Credit 3 hours. Graduate Standing. Study and practice of writing for organizations and institutions, especially memos, executive summaries, internal reports, proposals, policies, manuals and magazine articles, including both print and electronic formats. (alternating Fall semesters)

**649. Editing and Design of Organizational Communication Materials.** Credit 3 hours. Prerequisite: Graduate Standing. This course focuses on copyediting skills and visual communication standards with an emphasis on how an organization disseminates clear and consistent messages. Key lessons involve writing styles, revision processes, coaching writers, layout standards and design elements. (alternating Spring semesters)

**659. Communication Internship.** Credit 3 hours. Prerequisite: Graduate standing. Provides training and experience in an approved working environment. Periodic reports and meetings with the faculty supervisor are required. (As Needed)

**671. Theories of Organizational Communication.** Credit 3 hours. Prerequisite: Graduate standing. Explores the various theories, approaches, and opportunities related to managing communication in modern organizations. (alternating Spring semesters)

**691. Research Methods in Organizational Communication.** Credit 3 hours. Prerequisite: Graduate standing. This course is designed to acquaint students with the common social scientific methods utilized in the academic and professional study of communication. It will give students a working knowledge of the available research options and criteria for making appropriate selections. Emphasis will be placed upon the design, execution, and evaluation of research methods/content commonly needed in organizational research. (alternating Fall semesters)

**699. Special Topics.** Credit 3 hours. Prerequisite: Graduate standing and approval of Department Head. A variable content course, which treats subjects of special interest. The content will change from semester to semester and will be advertised in advance. May be repeated once for a total of 6 hours credit. (As Needed)

## Communication Sciences and Disorders (CSD)

**101. Introduction to Communication Sciences and Disorders.** Credit 3 hours. A study of etiology, types, and characteristics of communication problems. An overview of the profession and concepts are presented. (Fall, Spring)

**201. Introduction to Audiology.** Credit 3 hours. The course is designed to provide students with a study of hearing, hearing disorders/impairments, hearing tests, and hearing management. Basic instruction in pure-tone air and bone conduction audiometry, masking, speech audiometry, and physiological procedures are included to acquaint students with the entire field of audiology. (Fall, Spring)

**203. Introduction to Language.** Credit 3 hours. This course will introduce the student to the basic concepts of language structure. Practice in discovering and describing language patterns will support the development of an objective approach to language differences. The course will include a survey of related topics such as animal vs. human communication and neurological and psychological issues in the study of language. (Fall)

**205. Phonetics.** Credit 3 hours. A study of the physical bases of sound production and perception, with emphasis on analysis, description and transcription of the phonological patterns of normal and disordered speech. (Spring)

**212. Speech Sound Development and Disorders.** Credit 3 hours. Prerequisites: CSD 101, 203, 205, and 213. This course will include a review of phonetics, the study of the development of the speech sound system and an examination of the identification, evaluation, and treatment of speech sound disorders. (Spring)

**213. Anatomy and Physiology of the Speech and Hearing Mechanism.** Credit 3 hours. Structure, function, and control of the anatomy and physiology involved in the speech and hearing mechanism. (Fall, Spring)

**300. Beginning Clinical Practicum in Speech, Language, and Hearing.** Credit 1 - 6 hrs. Prerequisites: CSD 201, 203, 327, 328, and minimum cumulative GPA of 2.5. Students conduct assessments, write treatment plans, and plan and implement therapeutic procedures for clients with communication disorders. Attendance at clinical staffings is required. A laboratory fee is required for this course. (Summer, Fall, Spring)

**309. Beginning Assessment in Communication Disorders.** Credit 3 hours. Prerequisites: CSD 101, 205, 212, and 213 and cumulative GPA of 2.5 or higher or permission of the Department Head. Introduction to the terminology, major theories, types and methods of assessment used in speech-language pathology. Students will explore assessment materials, observe clinical assessment procedures, and practice professional report writing. (Fall)

**326. Acoustics and Speech & Hearing Science.** Credit 3 hours. Prerequisites: CSD 201 and cumulative GPA of 2.5. The course is designed to provide students with basic principles concerning sound and speech production, transmission, modification, analysis and reception. The course is also designed to address the relationship of these principles to the practice of speech language pathology and audiology. (Fall)

**327. Introduction to Clinical Methods for Communication Disorders.** Credit 3 hours. Prerequisites: CSD 101, 205, 212, 213, concurrent enrollment in or prior credit for CSD 328 and a cumulative GPA of 2.5 This course presents information on the fundamentals of clinical methods in speech-language pathology. Course content covers clinical procedures to prepare students for subsequent clinical experiences with individuals with a variety of speech and language disorders. (Fall, Spring)

**328. Introduction to Clinical Experiences.** Credit 1-3 hrs. Prerequisites: CSD 101, 203, 205, 212, and 213 and concurrent enrollment in or prior credit for CSD 327, cumulative GPA 2.5 or permission of the Department Head. This course introduces students to clinical experiences across the life span and from culturally/linguistically diverse backgrounds. Twenty-five hours of observations of clinical sessions are required. Graduate students with regular admission who do not have 25 observation hours must register for this course. (Fall, Spring)

**329. Introduction to Voice and Fluency Disorders.** Credit 3 hours. Prerequisites: CSD 212, 213, and cumulative GPA of 2.5 or permission of the Department Head. This course is designed to provide a broad overview of pertinent anatomy and physiology, theories, etiologies, characteristics, assessment and treatment methods for common voice and fluency disorders. (Fall)

**365. Behavior Management Strategies for Individuals with Communication Disorders.** Credit 3 hours. Prerequisites: CSD 101 and cumulative GPA of 2.5 or higher or approval of Department Head. This course focuses on a continuum of effective clinical approaches for solving behavioral problems in individuals with communication disorders. Emphasis will be placed on strategies for discovering the underlying reasons for problematic behaviors, as well as crafting the communication component of behavioral intervention. Students will develop and demonstrate positive behavior management plans. (As Needed)

**409. Directed Readings in Communication Science Disorders.** Variable credit: 1, 2, or 3 hours. Prerequisite: Cumulative GPA of 2.5. Directed individual study of selected area(s) in speech, language, and hearing. Area(s) of study to be designated by instructor. Students may repeat the course for a total of 6 credit hours. Number of credit hours will be determined by the instructor based on the complexity and depth of the subject matter. (As Needed)

**410. Intermediate Clinical Practicum in Speech, Language and Hearing.** Credit 1 - 6 hrs. May be repeated for credit. Prerequisites: CSD 300 and 309, and a minimum cumulative GPA of 2.5, and 35 clinical contact hours. Students acquire more advanced skills in the therapeutic and assessment processes and in writing various types of professional reports. Attendance at clinical staffings is required. A laboratory fee is required for this course. (Summer, Fall, Spring)

**411. Aural Habilitation and Rehabilitation.** Credit 3 hours. Prerequisites: CSD 201, CSD 326, and a cumulative GPA of 2.5, or permission of the Department Head. Exploration of communication training options for individuals with congenital and acquired hearing loss. Credit cannot be given for both CSD 411 and CSD 511. (As Needed)

**413. Public School Speech, Language, and Hearing Services: Methods and Materials.** Credit 3 hours. Prerequisites: CSD 212, 300, 309, 327, 328, 415, and cumulative GPA of 2.5 or permission of the Department Head. This course presents a study of the organization and delivery of SLH services in the public school setting. Course content emphasizes practical information regarding the foundation, implementation and maintenance aspects of conducting a public school SLH program. Topics to be covered include: legislation program structure, diagnostic and therapeutic methods, inclusion, the speech pathologist as a consultant and data manager. Development of I.E.P. and I.F.S.P. plans included. Credit cannot be given for both CSD 413 and CSD 513. (As Needed)

**415. Speech and Language Development.** Credit 3 hours. Prerequisites: CSD 203, CSD 205 and a Cumulative GPA of 2.5 or permission of the Department Head. A study of the major theories of language acquisition. The normal sequence of child development will be highlighted. Cultural and linguistic differences will be discussed. Credit cannot be given for both CSD 415 and CSD 515. (Spring)

**416. Management of Child Language Disorders.** Credit 3 hours. Prerequisites: CSD 415 or CSD 515 and cumulative GPA of 2.5. This course provides an overview of children's language disorders. Linguistic and extra linguistic characteristics associated with various disorders are discussed, and the bases for differential diagnosis are provided. General and specific strategies for intervention are introduced. Credit cannot be given for both CSD 416 and CSD 516. (Spring)

**430. Introduction to Manual Communication.** Credit 3 hours. An introduction to fingerspelling and sign language, including applications for individuals with disabilities. Supervised practice in fingerspelling and signing vocabulary. (As Needed)

**440. Intermediate Assessment in Communication Disorders.** Credit 3 hours. Prerequisites: CSD 309 and a cumulative GPA of 2.5 or higher or approval of Department Head. This course is designed to provide pre-professional students with the knowledge to understand assessment in the following areas: communication, educational performance, cognitive aspects of communication, and adaptive behavior. Students will demonstrate assessment skills consistent with the scope of practice for speech-language pathology assistants. (As Needed)

**447. Intermediate Manual Communication.** Credit 3 hours. Prerequisite: CSD 430 or 530 or permission of Department Head. A continuation of beginning manual communication with emphasis on American Sign Language. Applications for working with individuals with hearing impairments. Concentrated supervised practice in signing for functional communication. (As Needed)

**451. Introduction to Augmentative/Alternative Communication.** Credit 3 hours. Prerequisite: Cumulative GPA of 2.5. Course presents an overview of communication and the role of augmentative and alternative communication in educational/therapeutic programs. Attention is focused on service delivery for individuals with severe communication disorders. Assessment, intervention, program development, and expansion of existing augmentative and alternative communication systems are included. Credit cannot be given for both CSD 451 and CSD 551. (As Needed)

**500. Introductory Clinical Practicum in Communication Disorders.** Credit 1-6 hours. Prerequisites: CSD 201, 327, 328, 615, and in good academic standing, or permission of the Department Head. Designed for students without a bachelor's degree in speech-language pathology who are at beginning level of clinical competency and who are seeking licensure and/or certification as a speech-language pathologist. Students conduct assessments, write and implement treatment plans. Attendance at clinical staffings is required. A laboratory fee is required for this course. (Summer, Fall, Spring)

**510. Beginning Clinical Practicum in Communication Disorders.** Credit 1-6 hours. May be repeated for credit. Prerequisites: 25 observation hours, CSD 309, 327, and 500, and in good academic standing, or permission of Department Head. Designed for students at a beginning level of clinical competency and who are seeking licensure and/or certification as speech-language pathologists. Students acquire additional skills in therapeutic and assessment processes and write various types of professional reports. Attendance at clinical staffings is required. A laboratory fee required. (As Needed)

**511. Aural Habilitation and Rehabilitation.** Credit 3 hours. Prerequisite: CSD 201 or permission of the Department Head. Exploration of communication training options for individuals with congenital and acquired hearing loss. Credit cannot be given for both CSD 411 and 511. (Spring)

**513. Public School Speech, Language, and Hearing Services: Methods and Materials.** Credit 3 hours. Prerequisites: CSD 212, 309, 327, 328, 415 and 500 or permission of Department Head. This course presents a study of the organization and delivery of speech language and hearing services in the public school setting. Course content emphasizes practical information regarding the foundation, implementation and maintenance aspects of conducting a public school speech language and hearing program. Topics to be covered include: legislation program structure, diagnostic and therapeutic methods, inclusion, the speech pathologist as a consultant and data manager. Development of I.E.P. and I.F.S.P. plans included. Credit cannot be given for both CSD 413 and CSD 513. (As Needed)

**514. Clinical Practicum.** Credit 1 hour. Participation in supervised direct clinical activities dealing with audiometric evaluation and rehabilitation. Credit cannot be given for both CSD 400 and CSD 514. (As Needed)

**515. Speech and Language Development.** Credit 3 hours. A study of the major theories of language acquisition. The normal sequence of child development will be highlighted. Cultural and linguistic differences will be discussed. Credit cannot be given for both CSD 415 and 515. (As Needed)

**516. Management of Child Language Disorders.** Credit 3 hours. Prerequisite: CSD 415 or CSD 515. This course provides an overview of children's language disorders. Linguistic and extralinguistic characteristics associated with various disorders are discussed, and the bases for differential diagnosis are provided. General and specific strategies for intervention are introduced. Credit cannot be given for both CSD 416 and CSD 516. (As Needed)

**530. Introduction to Manual Communication.** Credit 3 hours. An introduction to fingerspelling and sign language, including applications for individuals with disabilities. Supervised practice in fingerspelling and signing vocabulary. (As Needed)

**535. Advanced Hearing Testing.** Credit 3 hours. Prerequisite: CSD 201 or permission of the Department Head. Emphasis on site of lesion tests and testing procedures that require additional information beyond the standard audiometric evaluation. Interpretation of the test results and clinical applications will be included. (As Needed)

**547. Intermediate Manual Communication.** Credit 3 hours. Prerequisite: CSD 430 or 530 or permission of Department Head. A continuation of beginning manual communication with emphasis on American Sign Language. Applications for working with individuals with hearing impairments. Concentrated supervised practice in signing for functional communication. (As Needed)

**551. Introduction to Augmentative/Alternative Communication.** Credit 3 hours. Course presents an overview of communication and the role of augmentative and alternative communication in educational/therapeutic programs. Attention is focused on service delivery for individuals with severe communication disorders. Assessment, intervention, program development, and expansion of existing augmentative and alternative communication systems are included. Credit cannot be given for both CSD 451 and CSD 551 or SPED 457/557. (As Needed)

**552. Computer Applications for Individuals with Special Needs.** Credit 3 hours. A course designed to provide an overview of microcomputers and other technology with an emphasis on applications for special populations. Topics include: basic computer operations/adaptations, learning theories related to educational/clinical uses of technology, computer-managed instruction, and computer-assisted instruction. Awareness of technology-related ethical issues and knowledge of resources useful to computer users will be components of the course. Credit cannot be given for both CSD 452 and CSD 552 or SPED 458/558. (As Needed)

**560. Oral Reporting/Professional Communication Skills for Speech-Language Pathologists.** Credit 3 hours. Prerequisites: CSD 213, 309, 327, 328, 415, or permission of Department Head. Students will be trained to perform a variety of oral reports, ranging from brief

informal discussions to highly prepared formal case presentations and grand rounds. Students will also become skilled at organizing and writing clinical reports, educational programs and computerized report writing. Credit cannot be given for both CSD 460 and CSD 560. (As Needed)

**600. Psycholinguistics.** Credit 3 hours. Prerequisites: CSD 602 and 624. A survey of the processes involved in encoding and decoding language at four levels of structure: phonology (the sound system), lexicon (words), morpho-syntax (phrases and sentences), and discourse (conversation), with specific attention to disturbance affecting the normal functioning of each of these levels. (As Needed)

**602. Aphasia.** Credit 3 hours. Prerequisite: CSD 606 or permission of the Department Head. A study of aphasia syndromes, etiologies, assessment strategies and treatment options. (Spring)

**603. Advanced Clinical Practicum in Communication Disorders.** Credit 1-6 hours. May be repeated for credit. Prerequisites: CSD 602, 606, 611, 614, 200 clinical hours, and in good academic standing, or permission of Department Head. Designed for graduate students in good standing, performing at an advanced level of clinical competency and seeking licensure and/or certification as speech-language pathologist. Students administer assessment, write treatment plans, plan and implement therapeutic procedures. Emphasis is on adults with communication disorders. Attendance at clinical staffings is required. A laboratory fee is required for this course. (Summer, Fall, Spring)

**604. Speech Science and Perception.** Credit 3 hours. Prerequisite: Admission to the master's program or permission of the Department Head. A study of the production, transmission, and perception of speech signals; anatomy, physiology, phonetics, acoustic, psychoacoustics, and acoustic cues. Laboratory experience and clinical applications will be included. (As Needed)

**606. Neurophysiological Bases of Human Communication.** Credit 3 hours. Prerequisite: Admission to the master's program or permission of the Department Head. Advanced principles in anatomy and physiology of the nervous system will be reviewed with an emphasis on usage in medical speech-language pathology. (Fall, Spring)

**607. Seminar in Audiology.** Credit 3 hours. Prerequisites: CSD 201 and admission to the master's program, or permission of the Department Head. The course is designed to provide students with an understanding of audiology specific to the scope and practice of speech language pathology. Diagnosis and management of hearing loss will be discussed, with a focus on acoustics, clinical procedures, and the impact of hearing loss on speech, language, and communication. (Fall, Spring)

**608. Craniofacial Anomalies.** Credit 3 hours. Prerequisite: Regular Admission to the CSD graduate program or permission of the Department Head. A study of craniofacial anomalies as they affect speech production. Assessment and management will be studied within the context of a team approach. (As Needed)

**609. Independent Research in Communication Sciences and Disorders.** Credit 3 hours. Students will design, carry out, and write, in journal style, a research project with guidance of the instructor. (As Needed)

**610. Phonological Processes and Disorders.** Credit 3 hours. The course presents an in-depth study of the phonological component of the linguistic system with an emphasis on the assessment and treatment of phonological disorders in children. (As Needed)

**611. Intermediate Clinical Practicum in Communication Disorders.** Credit 1-6 hours. May be repeated for credit. Prerequisites: CSD 510, 617, 100 clinical hours, and in good academic standing, or permission of Department Head. Designed for students at an intermediate level of clinical competency and who are seeking licensure and/or certification as speech-language pathologists. Students acquire additional skills in therapeutic and assessment processes and the writing of various types of professional reports. Emphasis is on children with communication disorders. Attendance at clinical staffings is required. A laboratory fee is required for this course. (Summer, Fall, Spring)

**612. Instrumentation in Hearing, Speech and Voice.** Credit 3 hours. Principles for applying instruments in the field of speech and hearing with an emphasis on clinical approaches to speech and hearing pathologies. A survey of the principal equipment and instrumentation which will be available to speech pathologists and audiologists in their professional activities within a variety of settings. (As Needed)

**613. Motor Speech Disorders.** Credit 3 hours. Prerequisite: CSD 606. Advanced survey of perceptual and physio-acoustic dimensions of dysarthria and apraxia. The course will include in-depth training in differential diagnosis of each of these disorders. In addition, applications for treatment will be addressed. (Spring)

**614. Dysphagia.** Credit 3 hours. Prerequisite: CSD 606 or permission of the Department Head. The study of swallowing disorders in all age groups from newborns to the elderly that result from a

variety of medical conditions. An in depth review of the literature will include prefeeding skills of infants as well as the disorders of deglutition and aging. Students will learn to evaluate radiographic examinations and make recommendations for therapy to be carried out by a team of experts that could include physicians, nurses, caregivers, occupational and physical therapists and nutritionists. (Fall, Spring)

**615. Structure and Processing of Language.** Credit 3 hours. Prerequisite: Admission to the master's program or permission of the Department Head. This introductory survey will examine the structural properties of language (both universal and language-specific) in relation to the diagnosis and treatment of language and articulation disorders. The course will cover the core areas of phonetics, phonology, morphology, syntax, semantics, and pragmatics, along with psycholinguistic and sociolinguistic perspectives. Rudimentary training in the computerized analysis of language data will be included. (As Needed)

**616. Language and Literacy.** Credit 3 hours. The course emphasizes the interactive processes of language and literacy. Factors affecting the acquisition and development of literacy will be reviewed. Training in assessment procedures and intervention techniques for individuals with language-learning disorders will be stressed. (As Needed)

**617. Advanced Diagnosis of Communicative Disorders.** Credit 3 hours. Prerequisites: CSD 606 and 624 or permission of the Department Head. Advanced instruction in the theory, methods and current research in diagnosis of communication disorders. Clinical assignment(s) is/are a component of the class. (Fall, Spring)

**618. Augmentative and Alternative Communication Intervention.** Credit 3 hours. Prerequisite: CSD 451/551 or permission of the Department Head. The course emphasizes intervention for individuals in need of augmentative or alternate communication (AAC) systems. Intervention includes the processes of assessment and program development for individuals with severe communication disorders. Variables that affect the development and implementation of AAC systems in various service delivery settings will be a major component of the course. (As Needed)

**619. Bilingualism.** Credit 3 hours. This introduction to bilingualism will focus primarily on children. Bilingualism will be viewed from social, psychological and linguistic perspectives; both advantages and potential problems associated with bilingualism will be considered. Specific analysis will be devoted to the acquisition, use and loss of two languages. (As Needed)

**621. Principles of Communication Sciences and Disorders.** Credit 3 hours. The course presents an advanced study of concepts and methods in the field of communication disorders. (As Needed)

**622. Speech Disorders.** Credit 3 hours. Prerequisite: CSD 604 or consent of the Department Head. This course provides a detailed examination of the etiology, characteristics, assessment and intervention for articulation, fluency, voice and resonance disorders. (As Needed)

**623. Special Topics in Communication Sciences and Disorders.** Credit 1-3 hours. Prerequisite: Permission of the Department Head. Selected topics in the field of communication sciences and disorders will be presented. Current issues and trends as well as traditional practices will be explored. May be repeated for a total of six hours credit. (Summer, Fall, Spring)

**624. Advanced Seminar in Language Disorders and Differences.** Credit 3 hours. Prerequisite: Admission to the Master's program or permission of the Department Head. This course provides an expanded view of normal language development with an emphasis on cross-cultural comparison and contrast. Developmental and acquired language disorders will be differentially examined. Best practices for non-biased assessment, clinical intervention, and the ethical support of linguistically/culturally diverse populations will be explored. (Spring)

**626. Autism Spectrum Disorders.** Credit 3 hours. A study of the nature of autism, including current thinking relative to etiology, cognition, and various behavioral aspects, with emphasis on communication and socialization. Practical applications for assessment and intervention will be highlighted. (As Needed)

**627. Neuropathologies of Communication.** Credit 3 hours. Prerequisite: CSD 606. Advanced survey exploring a variety of developmental and acquired neurogenic communication disorders, including cerebral palsy, dementia, right hemisphere syndrome and traumatic brain injury. Emphasis is on such clinical applications as dynamic assessment, differential diagnosis, and approaches to intervention. (As Needed)

**628. Language Intervention for Infants and Toddlers.** Credit 3 hours. This course is a concentrated study of current models of language intervention with infants and toddlers. Topics will include a review of the normal prelinguistic and early linguistic periods, etiological issues, and

dynamic assessment procedures designed for very young children. Practical applications for intervention will be emphasized throughout. (As Needed)

**629. Advanced Clinical Methods for Communication Disorders.** Credit 3 hours.

Prerequisite: Admission to the master's program. This course provides an extensive review of the methods of outcomes assessment and intervention for people with various types and severities of communication disorders. Emphasis is placed on evidence-based clinical practice and an oral and written communication skills necessary for effective professional practice. (As Needed)

**630. Advanced Specialty Clinical Practicum in Communication Disorders.** Credit 1-6 hours.

May be repeated for credit. Prerequisites: CSD 611 and/or CSD 603, more than 200 clinical hours and in good academic standing, or permission of the Department Head. Designed for students seeking licensure and/or certification as speech language pathologists and who are performing at an advanced level of clinical competency. Students administer assessments, write treatment plans, plan and implement therapeutic procedures. Emphasis is on children and/or adults with communication disorders. Attendance at clinical staffings is required. A laboratory fee is required for this course. (Summer, Fall, Spring)

**631. Counseling in Communication Disorders.** Credit 3 hours. Prerequisite: CSD Major or permission of Department Head. The course emphasizes active listening and interpersonal communication principles and counseling approaches that are within the scope of practice in speech-language pathology and audiology to guide decision-making by individuals with communication disorders and their families. (As Needed)

**632. Seminar in Voice and Resonance.** Credit 3 hours. Prerequisites: CSD 606 and 607, or permission of Department Head. A study of the etiologies, characteristics, assessment strategies, and treatment procedures associated with disorders of voice and resonance in pediatric and adult populations. (Fall)

**633. Seminar in Fluency.** Credit 3 hours. A study of the etiologies, characteristics, assessment strategies, and treatment procedures associated with disorders of fluency in pediatric and adult populations. (Spring)

**634. Developmental and Acquired Cognitive-Communication Disorders.** Credit 3 hours.

Prerequisite: CSD 606. Advanced survey exploring a variety of developmental and acquired neurogenic communication disorders, including intellectual disabilities, dementia, right hemisphere syndrome and traumatic brain injury. Emphasis on prevention, formal and informal assessment, differential diagnosis, and approaches to evidence-based interventions. (Fall, Spring)

**687. Research Methods in Communication Sciences & Disorders.** Credit 3 hours. Principles, procedures, and techniques of research with an intensive survey of scientific investigations in communication sciences and disorders and related fields. Emphasis on practical application for clinicians. (Fall)

**770. Thesis.** Credit 1-6 hours each semester, with six (6) hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass/Fail. (As Needed)

## Computer Science (CMPS)

**101. Introduction to Computer Science.** Credit 3 hours. Introduction to the major areas of computer science including operating systems, machine architecture, programming languages, data representation and storage, and algorithm development. Includes major emphasis in problem solving and simple programming concepts. (Summer, Fall, Spring)

**105. Computers in Society.** Credit 3 hours. Topics include historical, modern, and future developments, as well as an overview of a computer system's hardware, software and people. Issues concerning security, privacy, and ethics will be discussed. Includes practical application of using communication software networks, including the Internet and the World Wide Web. (Summer, Fall, Spring)

**110. Computer Fluency.** Credit 3 hours. An introduction to modern computer hardware and software. Software includes an operating system, human-computer interaction, networking and the web, word processing, and electronic spreadsheets. Credit toward the degree will not be granted for both CMPS 110 and MGMT 210. (Summer, Fall, Spring)

**120. Visual Programming.** Credit 3 hours. Prerequisite: Registration in or prior credit for MATH 151, 161 or 165. An introduction to visual programming using a modern, visual programming



language. Topics to include programming fundamentals such as variables, looping, and arrays, as well as graphical user interface (GUI) design and event-driven programming. (Summer, Fall, Spring)

**121. Principles of Cybersecurity.** Credit 3 hours. An introduction to the basics of modern cybersecurity at the individual and organizational level. This course will explore modern best practices, technologies and threats in the field. Past breaches will be examined to determine how they happened, how those breaches were managed by the individual or organization, and how such breaches can be prevented. (As Needed)

**161. Algorithm Design and Implementation I.** Credit 3 hours. Prerequisite: Registration in or prior credit for MATH 151 or 161, or permission of the Department Head. Basic concepts of computer programming, problem solving, algorithm development, and program coding using a high-level, block-structured language. Credit may be given for both CMPS 110 and 161. (Summer, Fall, Spring)

**173. Software for Management of Data.** Credit 3 hours. Prerequisite: MATH 151 or 161 or permission of the Department Head. Concepts of acquisition, organization, exchange and storage of quantitative data through the use of visual languages and packages. (Summer, Fall, Spring)

**204. Fundamentals of Information Technologies and Systems.** Credit 3 hours. Survey course to provide a foundation for understanding Computer Information Technology. Coverage of the fundamentals of information system and information technology concepts, strategies and skills. (Summer, Fall, Spring)

**209. Introduction to Applied Networking.** Credit 3 hours. An introduction to networking from an applied perspective. Includes configuration and physical setup of both wired and wireless local area networks using popular platforms. Also covers client/server basics. File and printer sharing, and basic network security settings. (Summer, Fall, Spring)

**210. Social Software.** Credit 3 hours. An application-based introduction to development of Social Software. Blogs, microblogs, podcasting, social networking and related issues will be examined. Emphasis will be on gaining hands-on experience in the use of content authoring tools. (Fall)

**225. Advanced Spreadsheets, Programming and Applications.** Credit 3 hours. Use of software to perform data analysis, graphing, macros, datasets, financial, and specialized functions. (Summer, Fall, Spring)

**233. Desk Top Publishing.** Credit 3 hours. Topics include assembling, and design of document, fonts, art layout, photos, black and white images, shading, colors, graphics, using microcomputers, scanners, and other peripheral devices. (Summer, Fall, Spring)

**234. An Introduction to Applications of Database Management Systems.** Credit 3 hours. A course covering relational database basic structure, method of design, implementation and manipulation. Student will design and implement a major database project using a production version database management system. (Summer, Fall, Spring)

**235. Website Design and Construction.** Credit 3 hours. Design and construction of websites using modern website design software tools. Includes tools for creation of HTML/XHTML, visual elements and inclusion of turn-key interactive and dynamic components. Also covers selection and use of typical website hosting services. (Summer, Fall, Spring)

**257. Discrete Structures.** Credit 3 hours. Prerequisites: CMPS 161 and MATH 151 or 161 or 165. Introduction to discrete structures of computing. Topics include sets, relations, functions, digraphs, matrices, recursion, partially ordered sets, Boolean Algebra, artificial languages, and finite state machines. (Summer, Fall, Spring)

**273. Software for Storing and Analyzing Data.** Credit 3 hours. Prerequisites: MATH 165 or 241 and CMPS 173 or permission of the Department Head. Topics include methods for designing database schema and spreadsheet programs based on quantitative data analysis requirements; implementation of spreadsheet programs and database schema using integrated methodologies with visual languages and software packages. (Summer, Fall, Spring)

**280. Algorithm Design and Implementation II.** Credit 3 hours. Prerequisites: CMPS 161 and a C or better in MATH 151 or 161. An intensive capstone of the material covered in CMPS 161 and an introduction to elementary data structures, searches, simple and complex sorts, and objects. (Summer, Fall, Spring)

**285. Software Engineering.** Credit 3 hours. Prerequisite: CMPS 280 or permission of the Department Head. Introduction of the methods used for specifying, designing, implementing, and testing medium and large scale software systems; methods for organizing and managing software development projects; professionalism and ethical responsibilities in software development. (Summer, Fall, Spring)

**290. Computer Organization.** Credit 3 hours. Prerequisite: CMPS 120 or CMPS 161 or ET 212. An introduction to the structure and function of computing machines. The primary components of the computer are examined from an organizational and logical standpoint. Topics include introduction to digital systems; machine level representation of data; assembly level machine organization; memory system organization and architectures; and introduction to language translation. Credit toward the degree will not be granted for both CMPS 290 and 293. (Summer, Fall, Spring)

**293. Introduction to Assembly Language.** Credit 3 hours. Prerequisite: CMPS 120 or CMPS 161 or ET 212. Fundamentals of assembly language programming. Topics include machine representation of data, fixed point, floating point, and decimal arithmetic, macros, address modification, bit manipulation, and subroutine linkage. Credit toward the degree will not be granted for both CMPS 290 and 293. (Summer, Fall, Spring)

**294. Internet Programming.** Credit 3 hours. Prerequisite: CMPS 280. This course concerns the art and science of programming for WWW Internet applications from a client-side perspective. Basic and advanced HTML will be covered, with emphasis on current scripting technologies. (Spring)

**295. Special Problems.** Credit 1-3 hours. Prerequisite: CMPS 110 or equivalent. Independent investigation and application of computing software that is not covered in existing courses. May be repeated for up to 3 hours credit. (As needed)

**297. Digital Logic.** Credit 3 hours. Principles of digital logic, to include gates, combinational circuits, flip-flops, registers, counters, timers, memory, buses, input/output interfaces and microprocessors. (Fall)

**315. System Administration.** Credit 3 hours. Prerequisite: CMPS 285. This course teaches skills and concepts that are essential to the administration of operation systems, networks, software, various computing support systems, and system documentation, policies, and procedures. This also includes education and support of the users of these systems. (Fall)

**321. Embedded Computing with Microcontroller and IOT based Systems.** Credit 3 hours. Prerequisite: CMPS 290 or permission of Department Head. An introduction to embedded computing covering various types of microcontrollers; IOT: Internet-of-Things; IOT devices as servers and appropriate server side programming and administration; IOT system design and interfacing. (As Needed)

**329. Computer Networking and Security.** Credit 3 hours. Prerequisite: CMPS 285. Topics include protocols used in local area and wide area networks, network administration, and the conceptual and technical aspects of computer security and information assurance, especially as it impacts computer networks and the Internet. (Spring)

**333. Advanced Desktop Publishing and Multimedia.** Credit 3 hours. Prerequisite: CMPS 233. Students will develop various informative and promotional materials. Emphasis will be on independent work, and developing concepts with outside clients when possible. Projects will include work with traditional print media as well as digital media. Credit toward the degree will not be granted for Computer Science majors. (Spring)

**335. Advanced Web Publishing.** Credit 3 hours. Prerequisites: CMPS 235 and one introductory programming course or permission of the Department Head. Topics include using a variety of markup languages and scripting techniques for both server and client WWW applications. (Fall, Spring)

**339. Database Administration.** Credit 3 hours. Prerequisite: CMPS 280. A hands-on comprehensive study of database administration and applications to include selecting, installing, configuring, tuning, maintaining, and reviewing modern database systems. (Fall)

**340. Introduction to Data Science.** Prerequisite: CMPS 280 or permission of Department Head. Topics include basics of assessment, programming for data science, data science libraries, random variables, descriptive statistics, basic linear algebra, scaling and plotting data, model assessment, introduction to supervised and unsupervised learning. (As Needed)

**355. Object-Oriented Programming.** Credit 3 hours. Prerequisite: CMPS 280. Introduction to the Object-Oriented Paradigm, including data abstraction, encapsulation, polymorphism, inheritance, and garbage collection. Implementation of these concepts using an Object-Oriented language. (As needed)

**375. Computer Architecture.** Credit 3 hours. Prerequisite: CMPS 293 or 290. Hardware organization and implementation of computer architecture. Instruction set considerations and addressing modes. System control concepts. CPU control, microprogramming, I/O interface and memory organization. Parallel and data flow architecture. (Spring)

**383. Information Systems.** Credit 3 hours. Prerequisite: CMPS 285. A study of file organization and management, analysis of the concept of information systems, approaches and techniques for evaluating information systems. Fourth generation languages will be explored. (Spring)

**389. Computer Graphics.** Credit 3 hours. Prerequisites: MATH 200 and CMPS 280. Introduction and techniques of computer graphics. Topics include interactive versus passive graphics, input-output devices, and programming techniques suitable for the visual representation of data and images. (Odd Year Spring Semesters)

**390. Data Structures.** Credit 3 hours. Prerequisites: CMPS 257 or MATH 223, CMPS 280, and registration in or prior credit for CMPS 285. Further study of trees, including: balanced trees, B-trees, 2-3 trees, and tries; external sorting, symbol tables, and file structures. (Summer, Fall, Spring)

**391. Numerical Methods.** Credit 3 hours. Prerequisites: CMPS 280 and MATH 201 or equivalent. Computer-oriented numerical methods for scientific problems. Topics include error analysis, Taylor series, solutions of equations, linear simultaneous equations, and interpolation. (Even Year Fall Semesters)

**394. Web Systems and Technologies.** Credit 3 hours. Prerequisite: CMPS 294. This course covers the setup and management of important web-based services, server-supported programming technologies, and some other host-management issues such as user support, security, staffing, and purchasing. (Even Year Fall Semesters)

**398. Cloud Software Applications Development.** Credit 3 hours. Prerequisites: CMPS 285 and CMPS 390. A hands-on, comprehensive study of Cloud concepts and capabilities across the various Cloud service models including infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS), and Business Process as a Service (BPaaS). IaaS topics start with a detailed study the evolution of infrastructure migration approaches from VMWare/Xen/KVM virtualization, to adaptive virtualization, and Cloud Computing / on-demand resources provisioning. Mainstream Cloud infrastructure services and related vendor solutions are also covered in detail. (As Needed)

**400. Internship.** Credit 1-6 hours. Prerequisites: CMPS 390 and permission of the Department Head. Student must be an integral part of a software project team in industry during the semester. Graded as Pass/Fail only. Can be counted as a general elective only, not as a Computer Science Elective (300-400). May be taken more than once for up to 6 credit hours. (As Needed)

**401. Survey of Programming Languages.** Credit 3 hours. Prerequisite: CMPS 390. Involves the formal study of programming languages, specification, and analysis in terms of data types and structures. (Fall)

**409. Advanced Computer Networking.** Credit 3 hours. Prerequisite: CMPS 329. Topics include security, optimization, custom modules, protocols, information flow management, disaster recovery, wireless applications, and legal and ethical issues. (Fall)

**411. Capstone I.** Credit 3 hours. Prerequisite: CMPS 390. This course must be taken in the academic year in which the student intends to graduate. Through participation in a major capstone project, this course presents a formal approach to the top-down design, development, and maintenance of software systems. Topics include organization and management of software projects, security, programmer teams, validation and verification. (Fall)

**412. Capstone II.** Credit 3 hrs. Prerequisite: CMPS 411. This course provides for direction to students wishing to extend a completed capstone experience from CMPS 411. Students are expected to make a substantial change or improvement that extends their basic capstone experience. (As Needed)

**415. Integrated Technologies for Enterprise Systems.** Credit 3 hours. Prerequisite: CMPS 390. This course provides an introduction to several current technologies, and how they can be used to integrate software solutions into a functional large interconnected system. The course will focus on contemporary technologies used for enterprise software development. (Spring)

**420. Human Computer Interaction.** Credit 3 hours. Prerequisite: CMPS 390. Designing, implementing, and evaluating computer systems. Task analysis, prototyping, usability evaluation, dialogue specification, interaction styles and techniques, human factors, virtual reality, multimedia, and hypermedia systems. (Fall)

**431. Operating Systems.** Credit 3 hours. Prerequisites: CMPS 375 and 390. Design and implementation of operating systems. Topics include process management, processor management, memory management, device management, file management, process synchronization and interprocess communication, and user interface. Other issues such as distributed computing and system performance may be discussed. (Fall)

**434/534. Fundamental Algorithms.** Credit 3 hours. Prerequisites: CMPS 257, 390 and MATH 223. The design, implementation, and complexity of algorithms analysis. (Odd Year Fall Semesters)

**439/539. Database Systems.** Credit 3 hours. Prerequisite: CMPS 390. Design and implementation of database systems. Topics include hierarchical, relational, and network models, normalization of relations, data integrity and security, and database administration. A programming project using a relational DBMS is required. (Spring)

**441. Artificial Intelligence.** Credit 3 hours. Prerequisites: CMPS 390 and MATH 241 or 380. Introduction to intelligent processes and their performance by a computer. Topics include computer representation of knowledge, problem solving, game playing, theorem proving, natural language understanding, computer vision, and robotics. (Odd Year Fall Semesters)

**443/543. Simulation and Modeling.** Credit 3 hours. Prerequisites: CMPS 390 and MATH 380. Construction and use of computer and mathematical models, parameter estimation, simulation techniques, applications of simulation, examples, and cases and studies taken from physical, social and life sciences, engineering, business and information sciences. (Even Year Fall Semesters)

**447. Introduction to Robotics.** Credit 3 hours. Prerequisite: CMPS 280. An introduction to robotics including the history of robots, the sense-plan-act paradigm, any-time learning systems, and the three-layer architecture. The class will emphasize concepts and practical application of robotics. (Even Year Fall Semesters)

**450/550. Spatial Database and Applications.** Credit 3 hours. Prerequisite: CMPS 390. Topics include introduction to GIS, map projections and coordinate systems, spatial data structures, data entry, spatial database management, spatial analysis, remote sensing, GPS and GIS, Internet GIS, and GIS scientific applications. (Odd Year Fall Semesters)

**451/551. Data Mining.** Credit 3 hours. Prerequisite: CMPS 339 or CMPS 439, or permission of Department Head. Topics include need for data mining, preparing data, data exploration tools, basics of classification, association rule mining, decision tree, similarity measures, and cluster analysis. (As Needed)

**455/555. Computational Aspects of Game Programming.** Credit 3 hours. Prerequisites: MATH 165 and CMPS 280. This course will investigate computational aspects of game programming, and students completing the course will have sufficient technical background, well founded in science, to be able to successfully develop computer video games. Topics covered include coordinate systems, geometric elements, transformations, hyperspace, numerical analysis, rendering, graphics, lighting, code optimization, and other system design and programming issues related to game programming. (As Needed)

**458/558. Expert Systems.** Credit 3 hours. Prerequisite: CMPS 441. Introduction to Expert Systems. Topics include artificial intelligence techniques for Expert Systems, knowledge bases, knowledge representation, inference engines, system shells, natural language processing, heuristic techniques, rule-based systems, and meta level languages. (As Needed)

**460. Design and Implementation of Neural Networks.** Credit 3 hours. Prerequisites: CMPS 441 and MATH 360. Introduction to Neural Networks. Topics include connections, processing elements, n-dimensional geometry, self-adaptive equations, data transformation structures, mapping networks, and neurocomputing applications. (As Needed)

**470/570. Machine Learning.** Credit 3 hours. Prerequisites: CMPS 390 and MATH 241 or MATH 380. Introduction to machine learning. Topics include genetic algorithms, inductive learning, statistical learning methods, reinforcement learning, neural networks, decision trees, analytical learning, and Bayesian learning. (Even Year Spring Semesters)

**473/573. Introduction to Computer Vision.** Credit 3 hours. Prerequisites: CMPS 280 and MATH 200, or permission of Department Head. Topics include formation of images, image features, color spaces, image operators, mathematical morphology for images, digital signal processing, and image segmentation. (As Needed)

**479. Automata and Formal Languages.** Credit 3 hours. Prerequisites: CMPS 257 or MATH 223 and senior standing. Introduction to computing device capabilities through study of abstract machines and corresponding formal languages. Topics include Turing machines, recursion, Chomsky grammars, context-free languages, regular languages, and finite automata. (Spring)

**481. Seminar.** Credit 1 hour. Prerequisite: Senior Classification. Discussion of social, ethical, and professional issues. Students present reports on topics of current interest in Computer Science. (As Needed)

**482. Current Trends in Computer Science.** Credit: 3 hours. Prerequisites: Senior Classification and registration in or prior credit for CMPS 411. Topics include computer and information ethics,

social implications of technology, current trends in computer science and information technology applications and development, professional issues, and emerging trends and current topics in computer science research. (Summer, Fall, Spring)

**491/591. Special Topics.** Credit 1-3 hours. Prerequisite: Permission of Department Head.

Special topics in computer science that are appropriate for major electives in the Science and Information Systems concentrations. Any combination of 491/591, 493/593, and 494/594 may be taken for up to 9 hours of credit, provided that the specific topics are different. (As Needed)

**493/593. Special Topics in Computer Science Theory.** Credit 1-3 hours. Prerequisite:

Permission of the Department Head. Special topics in computer science that are appropriate for a Theory elective in the Information Technology concentration. Any combination of 491/591, 493/593, and 494/594 may be taken for up to 9 hours of credit, provided that the specific topics are different. (As Needed)

**494/594. Special Topics in Information Technology.** Credit 1-3 hours. Prerequisite:

Permission of the Department Head. Special topics in computer science that are appropriate for an Information Technology elective in the Information Technology concentration. Any combination of 491/591, 493/593, and 494/594 may be taken for up to 9 hours of credit, provided that the specific topics are different. (As Needed)

**495/595. Special Problems.** Credit 1-3 hours. Prerequisite: Permission of Department Head.

Permits work by students on special projects in Computer Science. May be taken more than once for credit.

**691. Advanced Special Topics.** Credit 1-3 hours. Prerequisite: Permission of Department Head.

Special topics in advanced computer science that are appropriate for graduate students with a computer science background. May be taken multiple times, provided that the specific topics are different. (As Needed)

## Construction Technology (CTEC)

**101. Construction Industry Systems.** Credit 3 hours. A study of construction systems providing an understanding of how construction impacts life, socially and professionally. Industry fundamentals through analysis of architectural and engineering plans, specifications, and documents used in the planning, bidding, pre-construction, construction, and closeout phases of a typical construction project. (Fall, Spring)

**111. Construction Graphics.** Credit 3 hours. An introduction to construction graphics the reading of blueprints; covering types of construction, specifications, site work, structural steel construction, reinforced concrete construction, mechanical and electrical systems, and finish construction. (As Needed)

**121. Construction Materials.** Credit 3 hours. Prerequisite: CTEC 111. An introduction to construction principles, materials, and methods in the construction industry, graphics covering site work, concrete, masonry, metals, wood, plastic, doors and windows, and finishes. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**171. Survey Principles.** Credit 3 hours. Prerequisites: CTEC 111 and IT 111. Theories and principles of traditional and state-of-the-art techniques in surveying as applied to the construction industry. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Spring)

**201. Project Management.** Credit 3 hours. Prerequisite: CTEC 101. An introduction to project management: covering human relations, labor law and relations, problem solving and decision making, construction planning, project scheduling, and quality control. (As Needed)

**202. Project Supervision.** Credit 3 hours. Prerequisite: CTEC 121. An introduction to project supervision: covering orientation to the job, construction documents and documentation, cost awareness and control, resource control, and safety. (As Needed)

**203. Computer Planning and Scheduling.** Credit 3 hours. Prerequisites: Credit for or enrollment in CTEC 202 and 271. Analysis and application of scheduling techniques. The use of critical path method (CPM), program evaluation and review (PERT), and PRIMAVERA. (Spring)

**271. Construction Estimating I.** Credit 3 hours. Prerequisite: CTEC 121. An introduction to residential construction estimating: covering construction estimating, productivity records, cost accounting, project owner's estimate, pre-construction design estimates, detailed construction estimate, quantity surveying, how to determine direct cost for the project, and integrating estimating with project planning and control. (Spring)

## Counselor Education (CED)

**601. Counseling as a Profession.** Credit 3 hours. Presents current legal, ethical, and professional issues for agency, private practice and school settings. Provides an overview of the history of guidance and counseling and outlines professional organizations pertinent to professional counseling. The course is also designed to help students develop a work plan, referral guide, credential file, declaration statement, and vita for their specific setting.

**617. Counseling Children and Adolescents.** Credit 3 hours. Prerequisites: COUN 601, 603, 605 and 608. Theories and techniques for intervention with children at the preschool, school-aged and adolescent age levels.

## Counseling (COUN)

**600. [HD 600] Research Methods and Designs.** Credit 3 hours. Prerequisite: Admission to the Counseling Program or permission of Department Head. Principles and foundations of designing and conducting research are examined. Instruction will focus on empirical, naturalistic, and critical approaches relevant to enacting the role of practitioner-researcher. This course is designed to prepare students to conceptualize, design, and carry out a behavioral research project. (Fall, Spring)

**601. [HD 601] Legal, Ethical, and Professional Issues.** Credit 3 hours. Prerequisite: Admission to Counseling Program. Presents current legal, ethical, and professional information necessary for competent professional practice in the mental health field. The course includes an overview of the historical and current societal context of professional practice in counseling, marriage and family therapy, and related fields. The course will assist students in developing a work plan, referral guide, credential file, declaration statement, and curriculum vitae specific to their work setting and area of professional concentration. (Summer, Fall, Spring)

**603. [CED 603] Counseling Theory.** Credit 3 hours. Prerequisite: Admission to Counseling Program. Major theories and approaches to counseling are analyzed along with the essentials of counseling and therapeutic processes and the nature of the counseling relationship. Skill building through dyadic exercises and feedback is included. (Summer, Fall, Spring)

**604. [HD 604] Group Process.** Credit 3 hours. Prerequisites: CED 601, COUN 603, and COUN 605. Major approaches to group dynamics and counseling, including theoretical assumptions and basic principles and techniques, are covered. A weekly lab component is required. (Fall, Spring)

**605. [CED 605] Pre-Practicum/Counseling Techniques.** Credit 3 hours. Prerequisite: Admission to Counseling Program. Counseling experience in the university counseling laboratory. Aspects of the counseling process/relationship and specific techniques of individual counseling are stressed. (Summer, Fall, Spring)

**607. [CED 607] Career Development/Information Services.** Credit 3 hours. Prerequisite: Admission to the counselor education program or permission of the Department Head. An introduction to the theories of career development and the processes by which occupational/educational and personal/social information may be integrated for career/life planning. (Summer, Spring)

**608. [HD 608] Human Growth & Development.** Credit 3 hours. Prerequisite: Permission of the Department Head. Study of the emotional, physical, social, and intellectual factors of development across the lifespan. (Summer, Fall)

**609. [CED 609] Assessment in Counseling.** Credit 3 hours. Prerequisites: COUN 600, CED 601, COUN 603, and COUN 605. An introduction to major intellectual, psychological, achievement, interest, and sociometric assessment goals and techniques available for the study of the individual. (Fall, Spring)

**610. [CED 610] Introduction to Diagnosis and Treatment of Psychopathology.** Credit 3 hours. Prerequisites: CED 601, and COUN 600, 603, 605, and 609. This course provides students with basic skills for evaluating behaviors, writing of diagnostic reports, and planning intervention strategies. Students will examine specific disorders and the utilization of various methods for identifying and treating these disorders. (Summer, Fall)

**611. [CED 611] School Counseling & Consulting.** Credit 3 hours. Prerequisites: CED 601, and COUN 603, and COUN 605. This course will focus on the role of the school counselor as well as the philosophy and practical application of counseling theory and techniques with school-age populations.

The student will develop a specific counseling program that will address the needs of a diverse student, staff and community population in which the school counselor is expected to function. (Fall)

**613. [CED 613] Clinical Mental Health Consultation & Staffing.** Credit 3 hours. Prerequisites: COUN 601, 603, and 605. Primary theories of consultation with emphasis on conflict management, delivery of mental health services and therapeutic intervention with varied client populations. (Fall)

**623. [CED 623] Advanced School Counseling.** Credit 3 hours. Prerequisite: COUN 611. This course will provide students with an in-depth examination of the roles and functions school counselors assume as school leaders, student advocates, system change agents, personal/social counselors, consultants, and collaborators. The application of counseling theories, as well as prevention and intervention programs, in school settings is also presented. (Summer)

**625. [HD 625] Cross-cultural Issues.** Credit 3 hours. Prerequisites: CED 601, COUN 603, and COUN 605; or permission of the Department Head. This course is designed to help counselors maximize their effectiveness in today's pluralistic society by understanding: value systems and ways of life of culturally diverse groups; similarities and differences of various cultural groups; dynamics of multicultural interaction and communication; and processes of cultural transmissions in the "global village." (Spring, Summer)

**627. [CED 627] Introduction to Play Therapy.** Credit 3 hours. Prerequisites: CED 601, COUN 603, COUN 605, and COUN 608. This course is designed to provide students with basic information related to play therapy. The primary goal of this course is to introduce students to interventions and strategies that focus on various theoretical orientations and play therapy techniques for use in counseling children and families. Students will have the opportunity to receive supervised experience as they use various strategies in class and assignments. (Fall, Spring)

**629. [CED 629] Advanced Play Therapy.** Credit 3 hours. Prerequisite: COUN 627. This course is designed for those students who have had previous training in basic play therapy and who desire to enhance their understanding and refine their skills in play therapy. Advanced interventions and strategies will focus on aspects related to various theoretical orientations and creative approaches to working with children and adolescents. Students will have the opportunity to receive supervised experience as they practice and observe play therapy techniques. (Fall, Spring)

**642. [CED 642] Crisis Intervention and Grief Counseling.** Credit 3 hours. Prerequisites: COUN 601, COUN, 603, and COUN 605. This course will encompass the influence of crises, disasters, and events in individuals' lives that cause stress-induced trauma. The response to crisis and trauma by emergency management personnel and the impact on individuals, families, and communities will be examined. Suicide assessment, intervention and prevention strategies will be addressed. Students will also explore the concept of grief. (Summer, Fall)

**670. [CED 670] Special Topics in Counselor Education.** Credit 3 hours. Prerequisite: Admission to the Counseling Program. (As needed)

**680. [CED 680] School Counseling Practicum.** Credit 3 hours. Prerequisite: COUN 611. This course is designed to guide students in their first field-based experience in pre-K-12 school. This site-based experience requires the completion of a minimum of 40 hours in a school setting, in which components of the Comprehensive School Counseling Program (CSCP) will be implemented. This practicum is graded Pass (P) Fail (F). (Fall, Spring)

**683. [CED 683] Clinical Mental Health Practicum.** Credit 3 hours. Prerequisites: COUN 604, COUN 608, COUN 607, 609, and 610, and permission of Department Head. Supervised experience in counseling with applications of principles, techniques, and strategies acquired in previous course work. The class will focus upon skill acquisition and demonstration of competencies. This practicum is graded Pass (P) Fail (F). (Fall, Spring)

**685. [CED 685] Independent Study in Counseling.** Credit 3 hours. Prerequisites: COUN 600 and advanced standing in the counseling program, or permission of the Department Head. Examination and in-depth study, research, and evaluation of contemporary problems in counseling. (As needed)

**690. [CED 690] School Counseling Internship.** Credit 3 hours. Prerequisite: COUN 680. Supervised on-the-job experience in a school setting emphasizing competencies in: individual counseling, group counseling, and educational, vocational, and personal testing. Students complete 600 clock hours over the course of their final two semesters and must register for 3 hours each semester for a total of 6 credit hours. This internship is graded Pass/Fail. (Fall, Spring)

**693. [CED 693] Clinical Mental Health Counseling Internship.** Credit 3 hours. Prerequisite: COUN 683. Supervised experience in a clinical mental health setting emphasizing competencies in individual counseling, groups, assessment, diagnosis, and treatment. Students must complete 600

clock hours over the course of their final two semesters, and must register for 3 hours each semester for a total of 6 credit hours. This internship is graded Pass (P) Fail (F). (Summer, Fall, Spring)

**770. [CED 770] Counseling Thesis.** Credit 1-6 hours each semester, with 6 hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. Prerequisite: Completion of the Counselor Education program or permission of the Department Head. Original research project designed, implemented and summarized by the student under the direct supervision of counseling faculty. (As needed)

## Criminal Justice (CJ)

**101. Introduction to Criminal Justice.** [LCCN: CCRJ 1013, Introduction to Criminal Justice]. Credit 3 hours. The criminal justice system. Study of the historical development of criminal justice. Overview of the functions and responsibilities of law enforcement, the judiciary and corrections. (Summer, Fall, Spring)

**201. Criminal Law.** [LCCN: CCRJ 2213, Criminal Law]. Credit 3 hours. Prerequisite: CJ 101 or consent of the Department Head. A general approach to laws relating to crimes and offenses and the punishment of their violation. (Summer, Fall, Spring)

**202. The American Judicial Process.** Credit 3 hours. Prerequisite: CJ 101 or consent of the Department Head. An overview and analysis of the legal transactions involved in the accusation, arrest, adjudication, and disposition of criminal offenders. (Summer, Fall, Spring)

**204. Contemporary Law Enforcement.** [LCCN: CCRJ 2313, Introduction to Policing]. Credit 3 hours. Prerequisite: CJ 101 or consent of the Department Head. An examination and discussion of selected topics dealing with contemporary problems affecting law enforcement. (Summer, Fall, Spring)

**205. The Corrections Process.** [LCCN: CCRJ 2013, Introduction to Corrections]. Credit 3 hours. Prerequisite: CJ 101 or consent of the Department Head. The systematic study of all the official ways in which society reacts to persons who have been convicted of committing criminal acts, including persons handled by the juvenile courts. (Summer, Fall, Spring)

**206. Comparative Criminal Justice Systems.** Credit 3 hours. Prerequisite: CJ 101 or consent of the Department Head. A study and comparison of the world's major justice systems. (As Needed)

**207. Psychology of Criminal Justice.** Credit 3 hours. Prerequisites: CJ 101 and PSYC 101, or consent of the Department Head. Also offered as Psychology 205. Applications of psychology to the criminal justice system. Topics will include: theories of violence, eyewitness testimony, jury selection and procedures, expert testimony, victims, and prisons. Credit cannot be given for both Criminal Justice 207 and Psychology 205. (As Needed)

**213. International Human Trafficking.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of Department Head. This course examines how national and international laws prohibiting human trafficking are created, interpreted, and applied. (Spring)

**302. Criminal Investigation.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of the Department Head. Fundamentals of investigation; duties and responsibilities of the detective; interrogation techniques; search; techniques of protecting the crime scene; collection and preservation of evidence; modus operandi system; scientific aids and other sources of information; court preparation and case follow-up. (Spring)

**303. Criminal Justice Administration.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of the Department Head. This course focuses on the analysis of problems, procedures, organization, and functions of all the criminal justice components. (Fall)

**304. Victimology.** Credit 3 hours. Prerequisite: Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of the Department Head. This course examines the criminal process from the perspective of the victim. The probability and effects of victimization will be discussed; the effectiveness of victim support programs will be analyzed. (As Needed)

**310. Community Corrections.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of the Department Head. A survey of the history, development, current status of probation, parole, and related forms of community-based corrections with emphasis on supervision and treatment of criminal offenders. (As Needed)

**313. Private and Public Sector Security.** Credit 3 hours. Prerequisites: Completion of CJ 101, 201, 202, 204, and 205 or consent of Department Head. This course provides an overview of the vulnerability of business, industrial and government sectors to criminal infiltration and compromise



from both internal and external sources, with special emphasis on threats to cyber-security, and protection of physical assets and employees/agents. (As Needed)

**333. Crime in America.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of the Department Head. A study of the types of crime and criminal offenders peculiar to the American culture. This course emphasizes the nature of conventional crime as well as the growth and development of contemporary work-place crime. (As Needed)

**336. Deviance and Social Control.** Credit 3 hours. Prerequisites: Completion of CJ 101, 201, 202, 204, and 205 or consent of Department Head. Also offered as SOC 336. This course introduces student to non-normative behavior and its social construction. Theories of deviance and institutional responses to deviant behavior are also addressed. May not be used for credit with SOC 336. (Fall)

**343. Law and Society.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of the Department Head. The course examines the social, economic, and political conditions under which laws are created, interpreted, and enforced; the social organization of law; and the legal profession. (Spring)

**353. Criminal Justice Ethics.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of the Department Head. An overview of philosophical, theoretical, and practical considerations bearing on the moral conduct of participants in the criminal justice process, including police, court, and correctional personnel. (As Needed)

**363. Drugs, Crime and Social Policy.** Credit 3 hours. Prerequisites: CJ 101, 202, 202, 204, and 205 or permission of Department Head. This course focuses on the study of sociological and social psychological explanations of drug using behaviors and of the legal and medical control of drugs. Topics include changes in the legal status of drugs, cross-cultural and historical variations in the control of drugs, and social epidemiology of drug use in contemporary society. (Fall)

**400/500. Independent Study.** Credit 1-3 hours. Prerequisite: Consent of Department Head. Student works with an instructor on a one-to-one basis and prepares a research report on an appropriate topic. May be repeated in one to three hour credits for a total of six hours. New topics are investigated in each repeat. (As Needed)

**405/505. Criminal Justice and the U.S. Constitution.** Credit 3 hours. Prerequisites: Completion of CJ 101, 201, 202, 204, and 205 or consent of Department Head. An investigation and analysis of basic constitutional problems involving criminal justice procedures with an emphasis on landmark U.S. Supreme Court decisions. Credit cannot be given for both CJ 405/505 and POLI 405/505. (Fall)

**408. Serial and Mass Murder.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of Department Head. This course examines serial and mass murder, including an in-depth examination into the typical offenders, victim selection, criminal justice system response, and the theoretical explanations that provide an understanding of these offences. (Fall)

**411. International Crime and Terrorism.** Credit 3 hours. Prerequisites: Completion of CJ 101, 201, 202, 204, and 205 and junior/senior standing, or consent of Department Head. This course provides an overview of threats to internal security including organized criminal enterprises, and state and non-state terror activities. (Fall)

**412/512. Criminology.** Credit 3 hours. Prerequisites: Completion of CJ 101, 201, 202, 204, 205, and 336 or permission of Department Head. Also offered as SOC 412/512. A study of the incidence, nature, factors influencing, and social treatment of crime. May not be used for credit with SOC 412/512. (Summer, Fall, Spring)

**414. Juvenile Justice.** Credit 3 hours. Prerequisites: Completion of CJ 101, 201, 202, 204, and 205 and junior/senior standing, or consent of Department Head. This course explores the legal mechanisms that have evolved to control delinquent behavior. Specific attention is devoted to the juvenile court system, law enforcement, custodial and treatment institutions, and community treatment. (Spring)

**418. White-Collar Crime.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of Department Head. This course provides an overview of the nature and causes of the various types of white-collar crime, and of private and public strategies that might be employed to control it. (Fall)

**420/520. Crime and the Media.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, and 205 or permission of Department Head. This course takes a social constructionist approach in examining the depiction of crime in the media and the effects these depictions have on public perception, fear of crime and the creation of public policy. (Spring)

**432/532. Crime Mapping and Analysis.** Credit 3 hours. Prerequisites: CJ 101, 201, 202, 204, 205, SOC 305 and 310 or permission of Department Head. This course exposes students to the uses

of geographic information systems in policing and crime analysis. Students use real crime and policing data to identify hot spots, predict crime patterns and empirically test criminological theories. (Fall)

**440/540. Juvenile Delinquency.** Credit 3 hours. Prerequisites: Completion of CJ 101, 201, 202, 204, 205, and 336 or permission of Department Head. Also offered as SOC 440/540. A scientific study of the nature, extent and causes of delinquency. Methods of prevention, treatment, and correction will be analyzed. Designed especially for teachers, social workers, police and correctional workers. May not be used for credit with SOC 440/540. (Summer, Fall, Spring)

**444. Internship in Criminal Justice.** Credit 3 hours. Prerequisites: Consent of the instructor and Department Head; an adjusted GPA of 3.0 or higher; and completion of 90 or more credit hours toward the degree including all core courses. Provides upper level students the opportunity to perform as participant observers in established criminal justice agencies at the local, state, and federal levels. (As Needed)

**495/595. Special Topics Seminar.** Credit 3 hours. Prerequisites: Completion of CJ 101, 201, 202, 204, and 205 or consent of Department Head. An in-depth study of selected topics in Criminal Justice that are not covered in existing courses. May be repeated for a total of six hours credit. (As Needed)

**698. Special Topics in Criminal Justice.** Credit 3 hours. Selected topics in areas not available in existing courses. May be new or unique issues or contemporary criminological topics relevant to various social issues. May be repeated for credit when different topics are studied. (As Needed)

## Cultural Resource Management (CRMP)

**411. Historic Preservation.** Credit 3 hours. Basic techniques and procedures in historic preservation. (As Needed)

**431. Arts Administration of Non-Profit Organizations.** Credit 3 hours. Prerequisite: Junior Standing or permission of the Department Head. This course will explore the management and organizational structure of non-profit organizations including museums, performing arts organizations, and historic and commemorative sites. (As Needed)

**491. Field Training.** Credit 3 hours. Prerequisite: Senior standing and permission of program coordinator. Should be taken concurrently with CRMP 492. Field placement in a cultural agency or organization under the direct supervision of a professional staff member. A weekly seminar will be conducted in conjunction with the placement. (Summer, Fall, Spring)

**492. Field Training.** Credit 3 hours. Prerequisite: Senior standing and permission of program coordinator. Should be taken concurrently with CRMP 491. Field placement in a cultural agency or organization under the direct supervision of a professional staff member. A weekly seminar will be conducted in conjunction with the placement. (Summer, Fall, Spring)

## Dance (DNC)

**100. Introduction to Dance.** [LCCN: CDNC 1013, Dance Appreciation]. Credit 3 hours. A non-technical course open to all interested persons. A study of the art and language of dance. Through lecture, observations, and discussions, this course is designed to develop appreciation, awareness and insight of dance as an art form and as a movement point of view. Opportunities provided to attend concerts and demonstrations. (Summer, Fall, Spring)

**108. Introduction to Movement Studies.** Credit 1 hour. A technical course open to all interested persons. A study of the art and language of movement as a point of view. Through lecture, various movement techniques, choreography, improvisation, observations, and discussions, this course is designed to develop an experiential approach to the appreciation, awareness, creations, and performance of dance as an art form. Opportunities provided to attend concerts and demonstrations. (Fall)

**130. Contemporary Dance I.** Credit 1 hour. An introduction to basic principles of Contemporary Dance technique with an emphasis on the development of the body as an instrument of expression. May be repeated once for credit. Three hours per week. (Fall, Spring)

**140. Contemporary Ballet I.** Credit 1 hour. An introduction to basic Ballet skills and vocabulary. May be repeated once for credit. Three hours per week. (Fall)

**162. Theatre Dance.** Credit 1 hour. An introduction to dramatic movement design and dance steps used in musical theatre choreography. Three hours per week. (As Needed)

**200. Dance for the Community.** Credit 3 hours. This course is designed to provide students with (1) knowledge of dance and movement activities that meet the needs and characteristics of special community groups and (2) practical application in working directly with these groups. (As Needed)

**230. Contemporary Dance II.** Credit 1 hour. The study of intermediate principles of Contemporary Dance technique with an emphasis on the body as an instrument of expression. May be repeated once for credit. Three hours per week. (Fall)

**240. Contemporary Ballet II.** Credit 1 hour. The study of intermediate Ballet techniques and vocabulary. May be repeated once for credit. Three hours per week. (As Needed)

**300. Dance Performance Project.** Credit 1 hour. Prerequisite: Permission of Department Head. This ensemble course emphasizes the difference between displaying movement and communicating it to an audience. The building of concentration, awareness of stylistic differences, and the establishment of professional behavior are developed in the rehearsal and performance processes. Rehearsals and performances in a theatre setting provide experiences in stage terminology and production techniques. Audition required for possible class enrollment. May be repeated for a maximum of 8 credits. Three hours per week. A laboratory fee is required for this course. (Fall, Spring)

**301. Introduction to InterARTS Performance.** Credit 3 hours. A variable content course that will engage visual and performance arts as overlapping endeavors in the creation of art. The course will investigate the relationships among the arts with the aim of generating work that blurs boundaries between the visual arts and performance. May be repeated for a total of 9 hours as topics vary. (As Needed)

**302. History and Survey of Dance.** Credit 3 hours. Historical development of dance as an art form, spectacle, and entertainment from ancient societies to the present. Emphasis on Western Theatrical Dance. ( Summer, Fall, Spring)

**305. Dynamic Anatomy for the Dancer.** Credit 3 hours. Study of mechanical principles affecting the anatomical structure of the human body in motion and at rest. The practical application of these principles to body alignment, placement, and posture for dance. (Fall)

**306. Site Specific Dance.** Credit 1 hour. The creation and performance of dance design exclusively for selected sites. Students will study the physical layout, features and history of sites for the purpose of creating unique movement vocabulary. (As Needed)

**307. Partnering and Improvisation.** Credit 1 hour. Exploration of ensemble and partnering work through spontaneous movement problem-solving. The course is designed to evoke the student's creative individuality. May be repeated once for credit. (As Needed)

**330. Contemporary Dance III.** Credit 1 hour. The study of advanced Contemporary Dance technique with an emphasis on the body as an instrument of expression. May be repeated once for credit. Three hours per week. (As Needed)

**340. Contemporary Ballet III.** Credit 1 hour. The study of advanced Ballet techniques and vocabulary. May be repeated once for credit. Three hours per week. (As Needed)

**350. Special Topics in Dance.** Credit 1-3 hours. A variable content course in subjects of special interest in dance. The course content will change from semester to semester. Credit hours earned will be either one or three depending on topic and course requirements for that subject. May be repeated for up to twelve (12) hours of credit. (As Needed)

**372. Choreography.** Credit 3 hours. Theory and practice of fundamentals of dance composition. May be repeated once for credit. (Spring)

**373. Dance Production and Promotion.** Credit 3 hours. This course assists dance artists in learning how to produce and promote their original work. Students develop concept packets that exhibit organization of production elements: concert plans, timeline, budget, costume selection, dance lighting, props, scenery, program makeup, and promotional materials. (Spring)

**405. Dance Studio Management.** Credit 3 hours. Prerequisite: DNC 372. A thorough study on how to develop and run a performing arts studio. Course includes how to develop an artistic overview of the studio's mission aligned with proposals for studio design and equipment; class selection, schedule, calendar, and studio policies; business and budget plans; and promotion and public relations ideas. (As Needed)

**430. Contemporary Dance IV.** Credit 1 hour. The study of advanced Contemporary Dance technique with emphasis on the body as an instrument of expression in relationship to performance. May be repeated once for credit. (Spring)

**431. Directed Study in Dance Techniques I.** Credit 1 hour. Advanced training in the appropriate dance technique. May be repeated once for credit. (Fall, Spring)

**451. Directed Study in Dance Techniques II.** Credit 1 hour. Advanced training in the appropriate dance technique. May be repeated once for credit. (Fall, Spring)

**460/560. Contemporary Dance Workshop.** Credit 3 hours. This performance-based course explores the relationship of contemporary movement, improvisation, and choreography and the various ways in which they are artistically crafted. This workshop culminates with a student performance. One hour of lecture and three hours of lab. May be repeated once for credit. (As Needed)

**472. Advanced Choreography.** Credit 3 hours. Prerequisite: DNC 372. Advanced theory and practice of dance composition. (As Needed)

**491/591. Independent Study in Choreographic Design.** Credit 3 hours. Prerequisites: DNC 372 and DNC 230 or DNC 330 and Junior or Senior standing. The organization and presentation of an original dance piece including planning, developing, selection of theme, music, costume, staging, lighting public performance of final work and written thesis. (Fall, Spring)

**495. Senior Performance.** Credit 3 hours. Prerequisites: DNC 372 and Senior standing. Presentation of a public senior dance concert encompassing a collection of work. Student must direct auditions, rehearsals, choreographic process, and presentation of work. (Fall, Spring)

## Design Drafter Technology (DDT)

**113. Architectural Drafting.** Credit 3 hours. Prerequisite: IT 111. Principles and practices of architectural drawing, terminology, and construction through residential planning and design, including floor plans, elevations, sectional details and plat plans. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**114. Technical Illustration.** Credit 3 hours. Prerequisites: IT 111 and IT 215. The transmission of engineering drawings into three-dimensional drawings using principles and techniques of axonometric, perspective, and schematic drawing. Includes lettering, reproduction methods, color rendering, air brush techniques and various mechanical aids. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**211. Piping Drafting.** Credit 3 hours. Prerequisites: IT 111 and IT 264. Piping design and drafting fundamentals as used in process industries such as refineries and petrochemical plants. The study, use and drafting of pipes, fittings, flanges, valves, equipment and structural systems using the latest industry-standard software. Students will use industry standards to create schematic, plan, elevation, isometric, spool, and 3-D drawings of various process piping components/systems. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**212. Machine Design Drafting.** Credit 3 hours. Prerequisite: IT 111: Feature-based parametric modeling of simple and complex machine parts, sub-assemblies and assemblies. Fully documenting design projects according to industry standards, including video presentations, animations, project documentation, change-orders, file management for design projects, reverse engineering and 3-D printing. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Spring)

**215. Light Commercial Building Drafting.** Credit 3 hours. Prerequisites: IT 111 and DDT 113. Analysis and solution of basic problems in the design and construction of small commercial properties using a variety of materials and methods of construction. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**216. Civil Drafting Technology.** Credit 3 hours. Prerequisite: IT 111. Basic concepts and techniques of civil technology, including leveling; longitude and latitude; map scales; symbols, directions; legal descriptions; plot plans, contours; profiles and highway cut and fill. Students will use Computer-Aided Design (CAD) software to complete projects relating to interpretation of survey data, profiles and cross sections, land subdivision, site and grading plans, and basic earthwork calculations. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**218. Special Topics in Drafting.** Credit 3 hours. Prerequisites: A 2.0 adjusted major average, Sophomore standing and 15 semester hours of drafting or permission of the Department Head. A course designed to provide the student with an opportunity to gain greater specialization in a specific area or to develop skills in areas otherwise not covered in the curriculum. May be repeated for a maximum of six credit hours. (Summer, Fall, Spring)

**311. Process Piping/Plant Design.** Credit 3 hours. Prerequisite: DDT 211. The general concepts and principles of process plant layout and design, including plant layout specifications, equipment and component arrangement, and basic stress analysis using 3-D parametric plant design software. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Spring)

**316. Advanced Computer-Aided Drafting and Design.** Credit 3 hours. Prerequisite: IT 111. An advanced study of the terminology, concept and theory of solid model development and subsequent rapid prototyping. Includes an in-depth coverage of 3-D modeling, the production of these models through rapid prototyping technologies, and their relationship to traditional manufacturing techniques. Two hours of lecture and two hours of laboratory per week. Credit cannot be given for both IT 216 and DDT 316. A laboratory fee is required for this course. (Fall, Summer)

**411. Industrial Design.** Credit 3 hours. Prerequisites: IT 112, 242, and DDT 316. A study of design principals as applied to product design, machine tool design and rapid prototyping. The use of graphic techniques for the interpretation and solution of design problems. Design for manufacturability with the use of concurrent engineering tools, CAD. Two hours of lecture and two hours of laboratory per week. Credit cannot be given for both IT 311 and DDT 411. A laboratory fee is required for this course. (Spring)

**415. Fundamentals of MicroStation and GIS.** Credit 3 hours. Prerequisite: DDT 216. A study of the concepts, tools, and features found in the MicroStation drafting environment and the evolution and basic operation of GIS. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

## Early Childhood Education (ECE)

**106. Service Learning for Early Childhood Education.** Credit 3 hours. Participation in a service-learning program in an early childhood education setting. Emphasis is placed on weekly observations and interactions with young children and families, future teacher meetings, and reflection. The service-learning site must be approved by instructor. Field experience required. (Summer, Fall, Spring)

**108. Developmentally Appropriate Practices in Early Childhood Education.** Credit 1 hour. Readings, video demonstrations, participation in class discussions, and in-class rehearsals prepare early childhood education majors for observing and interacting with children in structured settings. A key component of the course is field experience and exposure to authentic assessment strategies to use with young children in pre-kindergarten and kindergarten settings. Field experience required. (Fall, Spring)

**300. Curriculum and Instruction in Early Childhood Education (Pre-Kindergarten and Kindergarten).** Credit 3 hours. Prerequisites: Full SARTE status and an approved Introductory Portfolio. Must be taken concurrently with ECE 311 and 312 and EDUC 320 and 322. This course uses principles and methods of understanding and working with pre-kindergarten and kindergarten children to develop curriculum, plan instruction, and implement practices in the pre-kindergarten and kindergarten classroom settings. These standards must reflect current knowledge and shared beliefs in what constitutes high-quality, developmentally appropriate childhood education in the context within which services are delivered. Field experience required. (Fall, Spring)

**304. [EPSY 304]. The Psychology of Early Childhood: Conception through Age Eight.** Credit 3 hours. Prerequisites: Sophomore standing (30 hours), 2.75 GPA, a grade of C or better in ENGL 102, or permission of the Department Head. Course will discuss major developmental theories as they relate to physical, psychosocial, and cognitive domains. Extensive applications for those who will teach and work with young children. Field experience required. (Summer, Fall, Spring)

**311. Introduction to Developmental Assessment of Young Children.** Credit 3 hours. Prerequisites: Full SARTE status and an approved Introductory Portfolio. Must be taken concurrently with ECE 311 and 312 and EDUC 320 and 322. The course is designed to provide experiences to increase awareness of and knowledge about a variety of assessment procedures appropriate for use with children birth through eight years of age. Advantages and limitations of assessment techniques will be noted. Considerations used in the interpretation of findings and in making referrals will be discussed. This course provides opportunities to work with assessing children preschool through age eight years old and to develop prescriptive activity plans. Field experience required. (Fall, Spring)

**312. Practice in Early Childhood Education (Pre-Kindergarten and Kindergarten).** Credit 3 hours. Prerequisites: Full SARTE status and an approved Introductory Portfolio. Must be taken

concurrently with ECE 311 and 311 and EDUC 320 and 322. This course provides advanced practice that includes observation, participation, and teaching in the early childhood setting (specifically Pre-Kindergarten and Kindergarten). Emphasis is on program and curriculum planning including assessment for children in early childhood education. Field experience required. (Fall, Spring)

**314. [EPSY 314]. Classroom Management for Beginning Teachers in PK-3.** Credit 3 hours.

Prerequisite: Full SARTE Status. A detailed investigation of behavioral and humanistic approaches in PK-3 classroom management and motivation. Included are topics such as preventing classroom disruptions, how and when to intervene when they occur, working with parents, and working with students in an inclusive environment. Field experience required. (Summer, Fall, Spring)

**316. Language Arts and Literacy Methods for Early Childhood.** Credit 6 hours. Prerequisites: ECE 300, 31, 312, EDUC 309, Full SARTE status, and an approved Introductory Portfolio. Must be taken concurrently with ECE 318. Grades 1-3 language arts and literacy integrated course and practice with an emphasis on curriculum, knowledge, skills, dispositions, methods, and materials in the early grades, while working with and teaching children in the school environment. Field experience required. (Fall, Spring)

**318. Teaching Science and Social Studies in Early Childhood (Grades 1-3).** Prerequisites: ECE 300, 311, 312, EDUC 320, 322, 309, Full SARTE status, and an approved Introductory Portfolio. Must be taken concurrently with ECE 316. Grades 1-3 science and social studies integrated course and practice with an emphasis on curriculum, knowledge, skills, dispositions, methods, and materials in the primary grades. This is in conjunction with working with children in the school environment. Field experience required. (Fall, Spring)

**400. Curriculum and Instruction in Early Childhood Education (Preschool and Kindergarten).** Credit 6 hours. Prerequisites: EDUC 320, EDUC 323, Full SARTE status, and concurrent enrollment in ECE 411 and ECE 420. Development of curriculum and instructional practices in the preschool and kindergarten settings; principles and methods of understanding and working with preschool children. Field experience required. (Fall, Spring)

**411. Introduction to Developmental Assessment of Young Children.** Credit three hours. Prerequisites: EDUC 320, EDUC 323, Full SARTE status, and concurrent enrollment in ECE 400 and ECE 420. Experiences to increase awareness and knowledge about a variety of assessment procedures appropriate for use with children birth through eight years of age. Advantages and limitations of assessment techniques, interpretation of findings and referral procedures will be addressed. This course provides opportunities to work with assessing preschool through age eight children and to develop prescriptive plans. Field experience required. (Fall, Spring)

**420. Practicum in Early Childhood Education (Preschool and Kindergarten).** Credit 3 hours. Prerequisites: EDUC 320, EDUC 323, Full SARTE status, and concurrent enrollment in ECE 400 and ECE 411. This course is an advanced practicum that includes observation, participation, and teaching in the early childhood setting (specifically preschool and kindergarten). Emphasis is on program planning including assessment for children in early childhood education. Field experience required. (Fall, Spring)

**422. Integrated Curriculum and Practicum in Early Childhood Education (Primary Grades 1-3).** Credit 9 hours. Prerequisites: ECE 400, ECE 411, ECE 420, MUS 291, Full SARTE status, and concurrent enrollment in SPED 495. An integrated curriculum block (reading, language arts, sciences, social studies, visual arts, music, & physical education) as related to the needs of the children in the primary grades 1-3. Knowledge, skills, and dispositions in these curricular areas will be explored and refined with a primary emphasis focused on working with children in the school environment. Field experience required. (Fall, Spring)

**427. Student Teaching II: Early Childhood Education (PK-3).** Credit 9 hours. Prerequisites: See Requirements for Teaching Residency section in the Catalogue. Student Teaching II is the second semester of a full year residency for student teaching, and is all day, all week following the assigned school district calendar. Student teaching experiences include observation, participation in school activities, management of classroom and student behaviors, daily lesson planning, instruction, and assessment under the supervision of an assigned mentor teacher from a partner school. Student teachers must receive a final grade of "Pass" (P) in order to graduate. (Fall, Spring)

**448. Apprenticeship I in Early Childhood Education.** Credit 9 hours. Prerequisites: Full SARTE status, successful completion of Introductory Portfolio, MUS 291, ECE 400, ECE 411, ECE 420, passing score on the Content PRAXIS II, minimum 2.5 GPA required with a 3.0 GPA preferred to make application, and permission of the department head and school district. This apprenticeship option provides the Early Childhood Education major with an assigned placement selected and

approved by the University in partnership with a cooperating school/district. The content of this apprenticeship encompasses materials and methods including best practices and innovative teaching strategies in the teacher candidate's major field of certification that is engaged though on-the-job training in the school environment. Lesson planning, alternative assessment, classroom management, and education technology are topics addressed in the apprenticeship. Must be taken concurrently with SPED 495. Teacher candidates will earn nine hours of credit for a minimum of 500 hours of approved work experience that follows the school district calendar. Candidates must apply with written application, interview and be selected as an apprentice teacher. (As Needed)

**601. Advanced Child Development and Learning.** Credit 3 hours. This course is an intensive study of child development (birth – 8 years) and the implications for children's learning. (Fall, Spring)

**602. Assessment in Early Childhood Education.** Credit 3 hours. An advanced-level course that features the theory, administration, and interpretation of instrumentation to assess family characteristics, and social/emotional, cognitive, motor, language, and sensory abilities of young children with particular emphasis on criterion referenced and developmentally based tests. (As Needed)

**603. Theory and Curriculum in Early Childhood Education.** Credit 3 hours. The course focus will be on theory and curriculum appropriate for grades Pre K-3. Emphasis will be placed upon the early childhood educator as a reflective professional who makes informed decisions to best meet the needs of young children. (As Needed)

**630. Integrated Curricular Practices in Early Childhood Education.** Credit 3 hours. Prerequisite: EPSY 605 or ECE 601. Principles and methods for developing the integrated curriculum in early childhood education that promote learning and growth in each of the following domains: aesthetic, cognitive, emotional, language, physical, and social. (As Needed)

**632. Practicum in Early Childhood Education.** Credit 3 hours. An advanced practicum course designed to give practice in teaching, appropriate for Pre K-3. Experiences are provided for observation, teaching, and evaluation of young children. The candidate must apply to the Director of Student Teaching one semester in advance in order to enroll for this course. (As Needed)

## Earth and Space Science (ESSC & ESSL)

**101 [EASC 102]. Earth and Space Science I.** [LCCN: CGEO 1103, Physical Geology]. Credit 3 hours. An overview of geology and physical oceanography concepts. (Summer, Fall, Spring)

**102 [EASC 101]. Earth and Space Science II.** [LCCN: CAST 1113, Astronomy/Stars & Galaxies]. Credit 3 hours. An overview of meteorology, stellar systems, and stellar mechanics. (Summer, Fall, Spring)

**103 [ESLB 104]. Earth and Space Science Laboratory I.** [LCCN: CGEO 1101, Physical Geology Lab]. Credit 1 hour. Prerequisite: Registration for or prior credit for Earth and Space Science 101. A series of activities to aid students in their understanding of geological formations and processes. Two hours of laboratory per week. (Summer, Fall, Spring)

**104 [ESLB 103]. Earth and Space Science Laboratory II.** Credit 1 hour. Prerequisite: Prior credit for Earth and Space Science 102. A series of activities to aid students in their understanding of meteorology and celestial mechanics. Two hours of laboratory a week. (Summer, Fall, Spring)

## Economics (ECON)

**101. Economics of Current Issues.** Credit 3 hours. An examination of important current social issues from an economics perspective. Topics to be examined include poverty, discrimination, health care, social security, education and politics, as well as environmental and legal issues, with a focus on the contribution of economics to potential solutions. Not open to students who have previously earned credit for ECON 201 or 202 or to Juniors and Seniors majoring in the College of Business. (As Needed)

**102. Elements of Economics.** [LCCN: CECN 2113, Economic Principles]. Credit 3 hours. A course to give non business students a comprehensive introduction to economic principles and problems. Attention given to problems of inflation, depression, markets, prices, profits, wages, and government finance. Credit will not be given for both ECON 102 and 201 or 102 and 202. (Fall, Spring)

**201. Principles of Economics (Macroeconomics).** [LCCN: CECN 2213, Macroeconomics].

Credit 3 hours. The nature of economics, economic concepts and institutions, monetary theory, national income theory, financing of business, population problems and economic stability. Credit will not be given for both ECON 201 and 102. (Summer, Fall, Spring)

**202. Principles of Economics (Microeconomics).** [LCCN: CECN 2223, Microeconomics].

Credit 3 hours. The theories of production, determination of price, distribution of income, problems of industrial relations, monopolies, comparative economics systems. Credit will not be given for both ECON 202 and 102. (Summer, Fall, Spring)

**211. Economics of Consumption.** Credit 3 hours. A study of consumer buying practices, management of personal and family finances, spending and saving, problems of consumer protection. (As Needed)

**212. Agricultural Economics.** Credit 3 hours. A study of economic principles and practices as applied to agriculture; importance of agriculture in American life; economic, social, and political factors that influence rural institutions; records and accounts. (As Needed)

**301. Introduction to Labor Economics.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. The development of present-day labor organizations, their aims and methods; primary issues in union and nonunion management relationships, such as wages, hours, substandard workers, seniority, and union shop. (As Needed)

**305. Urban and Regional Economics.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. A brief description of the historical development of cities; location and spatial organization of economic activity; regional growth patterns and land use; analysis of particular problems such as transportation, housing, poverty, environment, and the urban public sector. Emphasis will be on both theory and policy. (As Needed)

**312. Health Care Economics.** Credit 3 hours. Prerequisites: ECON 102 or 201 or 202, and Junior standing. An analysis of the demand for and supply of health care services, health insurance, managed competition, Medicare, Medicaid, cost containment, national health care policy, the role of technology, training and practice of nurses and physicians, and comparative health care systems. (As Needed)

**328. Environmental & Resource Economics.** Credit 3 hours. Prerequisites: ECON 102 or 201 or 202 and Junior Standing. The study of theory and tools of environmental and resource economics, ozone depletion and global warming, acid deposition, exhaustible resources including energy, minerals, materials and waste, renewable resources including fisheries, temperate forests, tropical forests, biodiversity and habitat, and water resources, government regulations and enforcement, and other topics such as clean technology, toxics in the ecosystem, the environment and economic growth in other countries, and prospects for the future. (As Needed)

**333. Introduction to Money and Banking.** [LCCN: CECN 3113, Money, Banking & the Economy (upper Level)]. Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. Nature and functions of money; banking history; commercial banking; Federal Reserve System and its instruments of monetary policy; an introduction to financial markets, monetary theory and international monetary relationships. (Summer, Fall, Spring)

**345. Economics of Industrial Organization and Public Policy.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. A survey of market structures and performance and the role of antitrust policy in the manufacturing sector of the economy. Emphasis is placed on methods and techniques used in measuring market structures and performance, and on antitrust policy with regard to the control of market structures, price fixing agreements, and other restrictions on manufacturing firms' conduct. Public regulation is considered both in theory and in practice. (As Needed)

**362. Public Finance.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. The development and growth of the public economy as part of the national economy; use of governmental expenditures and revenues; public effects of spending public funds and of government borrowing and debt payment; critique of fiscal policies and practices to achieve economic stability. (As Needed)

**401. Macroeconomics for Managers.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. The development of aggregative economic analysis and its application to national income theory, the level of employment and economic growth. Attention is given to the dynamic aspects of income and employment fluctuations and the adoption and application of economic policy. (As Needed)



**402. Managerial Economics.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. The theory of consumer behavior in determining demand. The theory of the firm including production, costs, and supply relationships. Analysis of product and factor markets under conditions of perfect and imperfect competition. (Summer, Fall, Spring)

**410. History of Economic Thought.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. A survey of the development of economic thought from about 1500 A. D. to the present, a critical description of the various schools of thought and the contributions of leading economic writers. (As Needed)

**412. Comparative Economic Systems.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. An analysis of the theories and practices of modern economic systems including Capitalism, Socialism, Communism, and Fascism. (As Needed)

**413. Applied Economic Analysis.** Credit 3 hours. Prerequisites: ECON 102 and Junior standing, or ECON 201 and 202 and Junior standing or permission of Department Head. An examination of economic issues through independent research leading to the completion of a written paper and oral presentation. (As Needed)

**421. International Economics.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. Principles of foreign trade. An examination of the monetary and real aspects of trade; including foreign exchange rates, balance of payments problems, and the theories concerning the reasons for trade. (As Needed)

**430. Economics Study Abroad.** Credit 3 hours. Prerequisite: Junior standing. This course is designed to introduce students to the economic systems and institutions of other countries through the Business Study Abroad program. Students will experience, first-hand, the principles and practices of functioning in an international environment. (Summer)

**435. Energy Economics, Markets, and Policy.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing or ECON 102 and Junior standing. Survey seminar course in energy issues. Topics will include the function of energy markets, their impact on the macroeconomy and business decision making, alternative energy options, environmental impacts of energy sources, and government policy effects on energy markets and the economy. (As Needed)

**441. Current Economic Problems.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Junior standing, or ECON 102 and Junior standing. An examination of the contemporary economic problems of inflation, unemployment, energy and environmental crises, national debt, urbanization, and agriculture. Relevant economic controversies of the day will be emphasized, current public economic policies will be evaluated, and alternative courses of public action presented. Designed for Liberal Arts as well as Business students. (As Needed)

**450/550. Applications of the Internet in Business and Economic Analysis.** Credit 3 hours. Prerequisites: MGMT 210 or CMPS 110, ECON 201 and ECON 202, or ECON 102 and Junior standing. Use of the Internet to study business and economic subjects and issues such as production, consumption, economic conditions and indicators, federal government policies, job market, population characteristics, international business and economic development, and other relevant subjects. (As Needed)

**460. Econometrics.** Credit 3 hours. Prerequisites: ECON 201 and 202, MGMT 210 or CMPS 110, MATH 241 or OMIS 200, and Senior standing. Introduction to model-building and statistical inferences to measure and test business and economic theories as well as to solve these problems. Emphasis will be placed on linear modeling, least squares estimation, linear programming and curvilinear optimization. (As Needed)

**613. Managerial Economics.** Credit 3 hours. Prerequisites: ECON 201, 202, and Graduate standing. A study of management problems from an economic point of view. Includes analyses of demand, forecasting, cost and price relationships, price decisions, risk and uncertainty, and capital investment. (Summer, Fall, Spring)

**630. Economics Study Abroad.** Credit 3 hours. Prerequisite: Graduate standing. This course provides graduate students an in-depth look at the economic systems and institutions of other countries through the Business Study Abroad program. Students will experience, first-hand, the principles and practices of functioning in an international environment. Designed primarily for students in the MBA program. (As Needed)

**641. Seminar in Contemporary Economic Problems.** Credit 3 hours. Prerequisites: ECON 201 and 202 and Graduate standing. An analysis of the causes and consequence of current economic problems including unemployment, budget deficits, inflation, merchandise trade deficits, and other

leading issues of the day. Alternative approaches to alleviate these problems will be discussed and evaluated. (As Needed)

**695. Special Topics in Economics.** Credit 3 hours. Prerequisite: Graduate standing. A seminar course focusing on selected issues in economics. (As Needed)

**697. Economic Analysis and Public Policy.** Credit 3 hours. Prerequisites: ECON 201 and ECON 202 or consent of the Department Head. This course applies economic theory such as pricing, market structures, public goods, externalities, cost and benefit analysis, optimization, utility maximization, voter preferences, and others to examine selected public policy issues such as government finance, health care, social security, welfare, income distribution, regulation and deregulation, urban problems, investment in human capital, and other related subjects. (As Needed)

**699. Advanced Econometrics and Math Economics.** Credit 3 hours. Prerequisites: Math 163, MGMT 261, and consent of the Department Head. A study of time series, the ADF unit root test, Johansen co integration test, vector error correction model, VAR, GARCH, optimization with constraints, and other related subjects. (As Needed)

## Education (EDUC)

Students wishing to enroll in professional courses beyond EDUC 204 must be admitted to the professional program in Teacher Education, have special permission from the Dean of the College of Education, or be regularly enrolled in a teacher education program at the graduate level. See Selective Admission and Retention in Teacher Education Policies and Procedures - College of Education.

**101. Education for Teacher Aides.** Credit 3 hours. A course developed for teacher aides including an understanding of children, preparation of teacher materials, preparation of room before and after classes, working with teachers, working with children, etc. (As Needed)

**103. Methods and Materials for Teacher Aides.** Credit 3 hours. A program developed primarily to prepare teacher aides for activity within the classroom. Content will center around methods, techniques, and duties of the teacher aide with special emphasis on construction and use of materials beneficial to the teacher aide. (As Needed)

**200. The Language Arts in Early Childhood Education.** Credit 3 hours. Course is designed for and limited to paraprofessionals. A study of current practices in teaching language arts in an early childhood education setting. Emphasis is placed on the practical application of various teaching methods. Cannot be used for credit in the Elementary Education degree program. (As Needed)

**201. Introduction to Education.** Credit 1 hour. Prerequisites: Sophomore standing (30 hours), a 2.5 cumulative or degree GPA, a grade of C or better in ENGL 102 and prior credit or concurrent enrollment in EDUC 211. An introductory course to education and the profession of teaching. Special emphasis is placed on the guidance and screening of applicants into the professional program. Pre-student teaching professional laboratory experiences begin in this course. (As Needed)

**202. Introduction to Education: School and Society.** Credit 3 hours. Prerequisites: Sophomore standing (30 hours), a 2.75 cumulative or degree GPA, grade of C or better in ENGL 102. An introductory course to education and the profession of teaching. Special emphasis is placed on the guidance and screening of applicants into the professional program. This course is designed to review factors which have influenced the development of education such as major social, political, religious, and intellectual movements; philosophical theories and systems; research and practice in education psychology; and behavioral and cognitive theories of learning. Field experience is required. (Summer, Fall, Spring)

**203. Foundations of Education.** Credit 2 hours. Prerequisites: Sophomore standing (30 hours), a 2.5 cumulative or degree GPA, a grade of C or better in ENGL 102, and prior credit or concurrent enrollment in EDUC 212 or its equivalent. An introductory course to the profession of teaching. Special emphasis is placed on the guidance and screening of applicants into the professional program. This course reviews factors that have influenced the development of education. Field experiences are required in this course. (Summer, Fall, Spring)

**204. Seminar for the Prospective Resident Assistant.** Credit 3 hours. Prerequisites: 2.0 minimum cumulative GPA. Course engages the theoretical and practical knowledge needed for the resident assistant position at Southeastern through both lecture and practicum work with current resident assistant trainer. Emphasis will be placed on the understanding of student and community development, leadership, communication and diversity theories. (Fall, Spring)

**211. Diversity in Education.** Credit 2 hours. Prerequisites: Sophomore standing (30 Hours), 2.5 cumulative or degree GPA, and take concurrently with EDUC 201 or prior credit. This course focuses on historical and current topics and issues in education relevant to providing appropriate and equitable education experiences for diverse populations of students. Observations and service-learning experiences are required to acquaint candidates with the needs and abilities of all students, best pedagogical practices, and laws and policies governing education. One and a half-hour lecture and one hour laboratory per week. (As Needed)

**212. Diversity in the Classroom.** Credit 1 hour. Prerequisites: Sophomore standing (30 hours), a 2.5 cumulative or degree GPA, a grade of C or better in ENGL 102, and prior credit or concurrent enrollment in EDUC 203 or its equivalent. An introduction to the topics and issues in education relevant to providing appropriate and equitable educational experiences for diverse populations of students. Field experiences are required in this course. (Summer, Fall, Spring)

**304. The Teaching of Reading in the Elementary School.** Credit 3 hours. Prerequisite: Full SARTE status. A study of the reading process as a fundamental aspect of the elementary school curriculum. Special attention will be given to the basic reading skills needed by emergent and mature readers. The newest techniques, methods, and materials will be appraised through study, observations, and demonstrations in actual classrooms. Field experience required. (Summer, Fall, Spring)

**307. Instructional Planning and Assessment.** Credit 3 hours. Prerequisite: Full SARTE status. This course is intended to provide pre-service teachers with the principles and techniques necessary to develop sound instructional lesson plans and assessments. The primary focus of the course will be on writing instructional objectives, writing lesson plans, developing test items, utilizing performance based and alternative assessment techniques, administering classroom evaluations, analyzing classroom assessment data, and describing the roles planning and assessment have in daily classroom practice. The use and interpretation of standardized tests and the Louisiana school and district performance scoring will also be discussed, as well as the ethical issues related to assessment. Field experience required. Education majors only. (Summer, Fall, Spring)

**308. Teaching Reading in the Middle School.** Credit 3 hours. Prerequisites: EDUC 203, 212, and Full SARTE status. This course is a study of the reading process as a fundamental aspect of the integrated elementary school curriculum. Special attention will be given to the basic reading skills needed by emergent and mature readers. The newest techniques, methods, and materials will be appraised through study, observations, and demonstrations in actual classrooms. Field experience required. Education majors only. (Fall, Spring)

**309. Integrating Music into the Early Childhood and Elementary School Classroom.** Credit 3 hours. Prerequisites: EDUC 202 or equivalent course and Full SARTE status. A study of how music can be integrated into classroom instruction in the early childhood and elementary grades. Planning and production of materials that allow for musical integration across the curriculum will be an integral part of this course. Students will also be given opportunities throughout the semester to build and enhance their own personal musicianship skills. Field experience required. (Summer, Fall, Spring)

**313. Elementary Music Methods.** Credit 3 hours. Prerequisites: EDUC 201 or 203, EDUC 211 or 212, EPSY 301, MUS 303, MUS 304 and Full SARTE status. Music curriculum for the elementary school. Includes study of current methods and materials, planning for music instruction, and presentation of music lessons to elementary school children. (Spring)

**315. [EPSY 315] Classroom Management and Motivation for Beginning Teachers.** Credit 3 hours. Prerequisite: Full SARTE Status. This course provides detailed investigation of behavioral and humanistic approaches to classroom management and motivation in the classroom. Included are topics such as classroom procedures and rules, consequences, individual and group motivation and rewards, preventive and supportive discipline, parent involvement, and classroom arrangement, set up and how these can influence student behavior. Students will also become well versed in working with students with disabilities, students from poverty and students from diverse backgrounds as well as students who speak English as their second language. Field experience required. (Summer, Fall, Spring)

**316. Classroom Management for Secondary Teachers.** Credit 3 hours. Prerequisite: Full SARTE status. A detailed investigation of behavioral and humanistic approaches to classroom management and motivation in the middle school and secondary classroom. Included are topics such as preventative, supportive, and corrective discipline techniques, parent teacher conferencing, and behavior modification. Field experience required. (Summer, Fall, Spring)

**320. Foundations of PK-8 Mathematics Education.** Credit 3 hours. Prerequisites: Full SARTE status and an approved Introductory Portfolio. Early Childhood majors take concurrently with ECE 300, ECE 311, ECE 312, and EDUC 322; Elementary 1-5 majors take concurrently with EDUC 322 and LSED 401. This course includes the theoretical pedagogical foundations and current issues and perspectives of teaching elementary mathematics. This course, which provides a framework for the teaching of mathematics, includes history of mathematics education, diversity, teaching through problem solving, assessment, lesson planning, constructivism, and technology enhanced instruction. Field experiences required. (Fall, Spring)

**322. Diagnostic and Prescriptive Reading.** Credit 3 hours. Prerequisites: Full SARTE status and an approved Introductory Portfolio. Early Childhood majors take concurrently with ECE 300, ECE 311, ECE 312, and EDUC 320; Elementary 1-5 majors take concurrently with EDUC 320 and EDUC 332. This course is designed to equip the student with knowledge of and skills in reading instruction for individual learners. Emphasis will be placed on the diagnosis of the learner's needs in reading and prescription of appropriate activities for advancement. Field experience required. (Fall, Spring)

**323. Curriculum and Instruction in Grades PK-3.** Credit 6 hours. Prerequisites: ECE 106, EDUC 304, EDUC 307, EDUC 315, MATH 177, MATH 277, an approved Introductory Portfolio, and Full SARTE status. This course includes the development of teaching competencies of mathematics and reading at the PK-3 grade levels. Primary emphasis is focused on developing the teaching skills and competencies of future lower elementary and early childhood teachers with respect to topics found in these curricula areas. A key component of the course is field experience with students in grades PK-3 settings. The needs of special populations as well as the integration of technology into instruction will be incorporated into all areas of the curriculum. Field hours required. Concurrent enrollment in EDUC 320 and prior credit or concurrent enrollment in LSED 401. Education Majors only. (Fall, Spring)

**324. Struggling Readers and Writers.** Credit 3 hours. Prerequisites: EDUC 322, Full SARTE status, and an approved Introductory Portfolio. Elementary Education candidates take concurrently with EDUC 327 and 333. Middle School candidates take concurrently with EDUC 494. Emphasis will be placed upon the specific needs of struggling readers and writers who have characteristics of learning disabilities such as dyslexia, dysgraphia, oral and written language difficulties (OWL), etc. It will also address problems in mathematics due to poor reading/writing and/or dyscalculia and special populations who struggle in reading and writing such as English Language Learners (ELLs). Research-based, classroom interventions (e.g., multisensory instruction) and scientifically-based, specialized programs will be emphasized. (Fall, Spring)

**326. Curriculum and Instruction in Grades 1-5.** Credit 6 hours. Prerequisites: EDUC 304, EDUC 307, EDUC 315, MATH 177, MATH 277, an approved Introductory Portfolio, and Full SARTE status. This course includes the development of teaching competencies of mathematics and reading at the 1-5 grade levels. Primary emphasis is focused on developing the teaching skills and competencies of future elementary school teachers with respect to topics found in these curricular areas. A key component of the course is field experience with students in grades 1-5 settings. The needs of special populations as well as the integration of technology into instruction will be incorporated into all areas of the curriculum. Field experience required. Concurrent enrollment in EDUC 320 and 322, and prior credit or concurrent enrollment in LSED 401 depending on the curriculum. Education majors only. (Fall, Spring)

**327. Teaching Science and Social Studies in Elementary School.** Credit 6 hours. Prerequisites: Full SARTE status and an approved Introductory Portfolio. Must be taken concurrently with EDUC 333. Best practices for instruction in science and social studies for grades 1-5. Topics include planning for inquiry-based teaching, planning appropriate assessment and classroom strategies for science and social studies content, planning for children's developmental readiness for concepts and process skills, use of resources and tools in each discipline, and developing reflective teaching practices. Field experience required. (Fall, Spring)

**328. Curriculum and Instruction in Grades 4-8.** Credit 6 hours. Prerequisites: EDUC 308, EDUC 307, EDUC 315, MATH 177, MATH 277, prior credit or concurrent enrollment in LSED 402, an approved Introductory Portfolio, and Full SARTE status. This course includes the development of teaching competencies of mathematics and reading at the 4-8 grade levels. Primary emphasis is focused on developing the teaching skills and competencies of future middle school teachers with respect to topics found in these curricula areas. A key component of the course is field experience with students in grades 4-8 settings. The needs of special populations as well as the integration of technology into instruction will be incorporated into all areas of the curriculum. Concurrent enrollment

in EDUC 320, and prior credit or concurrent enrollment in LSED 402 depending on the curriculum. Field experience required. Education majors only. (Fall, Spring)

**332. Current Topics in Technology for Elementary, Middle and Secondary Education.** Credit 1 hour. Prerequisites: Full SARTE status, an approved Introductory Portfolio, and prior credit for or concurrent enrollment in EDUC 322. An overview of current topics and latest trends of technology in both the elementary and secondary education classroom. This course may be repeated as topics vary for a maximum of nine credit hours. (Fall, Spring)

**333. Elementary Curriculum and Instruction in Language Arts and Literacy.** Credit 6 hours. Prerequisites: EDUC 322, Full SARTE status, and an approved Introductory Portfolio. Must be taken concurrently with EDUC 327. This course includes the development of teaching competencies of language arts and literacy in grades 1-5. Teaching theories and practices for language arts and literacy will be explored through the use of research, observation, and hands-on activities and presentations. The needs of special populations as well as the integration of technology into instruction will be incorporated. Field experience required. (Fall, Spring)

**404/530. Kindergarten Education.** Credit 3 hours. Prerequisites: EDUC 202 and EPSY 301. Development of the nursery, kindergarten, and primary schools; principles and methods of understanding and working with the preschool child; two hours per week of observation and participation in kindergarten. (As Needed)

**405/531. Kindergarten Education.** Credit 3 hours. Prerequisites: EDUC 202 and EPSY 301. A continuation of Education 404/530. (As Needed)

**406. Historical and Philosophical Foundations of Education.** Credit 3 hours. Prerequisite: Junior standing. A course designed to review major social, political, religious, and intellectual movements and philosophical theories and systems which have influenced the development of education. The material will be arranged chronologically and treated thematically. The contributions of leaders associated with each movement and philosophy will also be stressed. (As Needed)

**407/533. Tests and Measurements.** Credit 3 hours. Prerequisite: Full SARTE status. Focus of the course is instructional alignment in which the objectives a teacher intends to teach match the lesson activities and are checked through appropriate assessments. Construction of lesson plans and teacher made assessments and the administration and interpretation of standardized tests and the Louisiana school district performance scoring are emphasized in this course. Field experience is required. Education majors only. (Summer, Fall, Spring)

**410. Elementary Curriculum and Instruction.** Credit 10 hours. Prerequisites: EDUC 321, EPSY 301, and MUS 291. The content of this block includes: reading, language arts, sciences, social studies, and music, as related to the needs of the child. Teaching strategies in the curricula areas will be explored and refined through working with children in a school environment. Primary emphasis of this block is focused on the future teacher's performance in working with children. Evaluation techniques are reviewed and applied in the experiences gained in this block. KIN 331 must be taken concurrently. Five hours lecture and eight hours laboratory per week. (As Needed)

**415. Curriculum and Instruction in the Elementary School.** Credit 9 hours. Prerequisites: Full SARTE status, Introductory Portfolio, MUS 291, EDUC 320, EDUC 322, and EDUC 326. The content of this block includes: reading, language arts, science, social studies, and music, as related to the needs of the child. Teaching strategies in the curricular areas will be explored and refined through working with children in a school environment. Primary emphasis of this block is focused on the future teacher's performance in working with children. Field experience required. SPED 495 must be taken concurrently. Evaluation techniques are viewed and applied in the experiences gained in this block. Education majors only. (Fall, Spring)

**416/516. Methods for Teaching English as a Second Language.** Credit 3 hours. This course will incorporate different methodology for teaching English as a Second Language (ESL) and academic content with exploration and development of lessons appropriate for students who are limited English proficient (LEP). This course will include methodologies and activities to make the English language and academic content comprehensible to students. This course will be for certified teachers and candidates enrolled in a teacher education program. (Fall, Spring)

**425. Elementary and Mild/Moderate Impairments Professional Semester.** Credit 12 hours. Prerequisites: See Requirements for Student Teaching section in the catalogue. All-day, all-semester student teaching experiences including observation, participation and a minimum of 180 actual clock hours of teaching (with a substantial portion of the 180 hours in a full day teaching) under the supervision of the assigned cooperating school teacher. Students will teach one half semester in the

regular classroom setting and one half semester in the mild/moderate classroom setting. Available on a pass/fail basis only. (As Needed)

**426. Elementary Professional Semester.** Credit 12 hours. Prerequisites: See Requirements for Student Teaching section in the Catalogue. All-day, all-semester student teaching experiences including observation, participation and a minimum of 180 actual clock hours of teaching (with a substantial portion of the 180 hours in a full day teaching) under the supervision of the assigned cooperating school teacher. Available on a pass/fail basis only. (As Needed)

**427. Student Teaching in the Elementary or Middle School.** Credit 9 hours. Prerequisites: See Requirements for Student Teaching section in the Catalogue. All day, all semester student teaching experiences, including observation, participation, and a minimum of 180 actual clock hours of teaching (with a substantial portion of the 180 hours in a full day teaching) under the supervision of the assigned cooperating school teacher. Available on a pass/fail basis only. (Fall, Spring)

**428/528. Curriculum Design for Teaching English as a Second Language.** Credit 3 hours. This course includes theory and procedures for the practical application of second language learning as well as the use of learning strategies. Also, this course is for the design of curriculum and assessment for teaching language and content to limited English proficient (LEP) students. Students who enroll in this course will be required to have exposure to LEP students to become familiar with their linguistic and cultural needs. This course is for certified teachers and candidates participating in a teacher education program. (Fall, Spring)

**429. Practicum for Alternate Certification Program.** Credit 3 hours. To be repeated for a total of six hours. A practicum designed to meet the requirements for the Alternate Post-Baccalaureate Certification Program. Students will enroll in this course for both semesters of the internship year. Approval of the Director of Performance Assessment is required. Available on a pass/fail basis only. (Fall, Spring)

**430. Practicum in Teaching.** Credit 3 hours. Prerequisites: Louisiana Teaching Certificate for either elementary or secondary level; three years of successful teaching experience; approval of the Office of Student Teaching. Available at the secondary level for teachers previously certified on the elementary level, and at the elementary level for teachers previously certified at the secondary level. A field-based experience-centered course designed to acquaint the teacher with concepts and objectives, introduction to methods and procedures, psychological principles, and identification and application of evaluation techniques appropriate to the teaching-learning process at the selected level. Available on a pass/fail basis only. (As Needed)

**431. Practicum in Nursery School.** Credit 3 hours. Prerequisites: EDUC 410 or 415, FCS 321 and 460. Observation, participation, and teaching in the nursery school. Emphasis on program planning for pre-kindergarten children. The student must apply to the Director of Performance Assessment one semester in advance in order to enroll for this course. Mornings are the only times available for the practicum. (As Needed)

**432/586. Practicum in Kindergarten.** Credit 3 hours. Prerequisites: EDUC 404/530, EDUC 410 or 415 and FCS 321. An advanced practicum course designed to give practice in teaching appropriate for the kindergarten level. Experiences are provided for observation, teaching, and evaluation of kindergarten children. Seminars are held for planning, evaluation, and discussion. The student must apply to the Director of Performance Assessment one semester in advance to enroll for this course. (As Needed)

**433/550. Practicum in Second Language Teaching.** Credit 3 hours. Prerequisites: EPSY 413/513 and EDUC 413/534. Primary emphasis of this semester will be placed on teaching children in both their native language and a second language, under the guidance of a cooperating teacher. Practicum experience will include curriculum and instruction in the use of two languages. (As Needed)

**436. Student Teaching in Mild/Moderate Impairments.** Credit 3 hours. Prerequisites: See Requirements for Student Teaching section in the catalogue. Observation, participation, and student teaching in the mild/moderate classroom. A minimum of six hours per week for the semester in the public or nonpublic schools plus any additional conference time that may be necessary. (As Needed)

**437. Student Teaching in Mild/Moderate Impairments.** Credit 6 hours. Prerequisites: See Requirements for Student Teaching section in the catalogue. Observation, participation, and student teaching in the mild/moderate classroom. A minimum of twelve hours per week for the semester in the public or nonpublic schools plus any additional conference time that may be necessary. (As Needed)

**438. Student Teaching in Severe/Profound Impairments.** Credit 3 hours. Prerequisites: See Requirements for Student Teaching section in the catalogue. Observation, participation, and student teaching in the severe/profound classroom. A minimum of six hours per week for the semester in the public or nonpublic schools plus any additional conference time that may be necessary. (As Needed)

**439. Student Teaching in Severe/Profound Impairments.** Credit 6 hours. Prerequisites: See Requirements for Student Teaching section in the catalogue. Observation, participation, and student teaching in the severe/profound classroom. A minimum of twelve hours per week for the semester in the public or nonpublic schools plus any additional conference time that may be necessary. (As Needed)

**447/547. Current Issues in Elementary/Secondary Education.** Credit 1-3 hours. Seminar to clarify trends, methods, and/or material and curriculum with practical organizational procedures for implementation. May be repeated for a maximum total of 6 hours. (As Needed)

**448. Apprenticeship I in Elementary or Secondary Education.** Credit 9 hours. Prerequisites: Full SARTÉ status, successful completion of Introductory Portfolio, passing score on the Content PRAXIS II, Minimum 2.5 GPA required with a 3.0 GPA preferred to make application, and permission of the department head and school district. Also offered as MAT 662. This apprenticeship provides the Elementary, Middle School, and Secondary Education major or alternative certification candidate with an assigned placement selected and approved by the University in partnership with a cooperating school/district. The content of this apprenticeship encompasses materials and methods including best practices and innovative teaching strategies in the teacher candidate's major field of certification that is engaged through on-the-job training in the school environment. Lesson planning, alternative assessment, classroom management, and education technology are topics addressed in the apprenticeship. Must be taken concurrently with SPED 495 for Elementary and Middle School Education majors. Teacher candidates will earn nine hours of credit for a minimum of 500 hours of approved work experience that follows the school district calendar. Candidates must apply with written application, interview, and be selected as an apprentice teacher. (As Needed)

**449. Mathematics Curriculum and Instruction in the Elementary Classroom.** Credit 3 hours. Prerequisites: Must be taken concurrently with EDUC 452 and 453. This course includes the development of teaching competencies of mathematics at the elementary grade levels. Primary emphasis is on developing the teaching skills and competencies of future elementary teachers with respect to mathematics. The needs of special populations as well as the integration of technology into instruction will be incorporated. (Fall, Spring)

**450. Student Teaching II: Elementary and Mild/Moderate Disabilities.** Credit 9 hours. Prerequisites: See Requirements for Teacher Residency Section in the catalogue. Student Teaching II is the second semester of a full year residency for student teaching, and is all day, all week following the assigned school district calendar. Student teaching experiences include observation, participation in school activities, management of classroom and student behaviors, daily lesson planning, instruction, and assessment under the supervision of an assigned mentor teacher from a partner school. Student teachers must receive a final grade of "Pass" (P) in order to graduate. (Fall, Spring)

**452. Elementary Curriculum and Instruction: Literacy.** Credit 3 hours. Prerequisites: Prior credit for or concurrent enrollment in LSED 401 if it is in the degree plan. Must be taken concurrently with EDUC 449 and 453. This course includes the development of teaching competencies of reading at the elementary grade levels. Primary emphasis is on developing the teaching skills and competencies of future elementary school teachers with respect to topics found in the area of literacy. The needs of special populations as well as the integration of technology into instruction will be incorporated. (Fall, Spring)

**453. Student Teaching I in the PK-12 Schools.** Credit 6 hours. Prerequisites: See requirements for Teacher Residency Section in the catalogue. Early Childhood Education candidates take concurrently with EDUC 456 and 457. Elementary Education candidates take concurrently with EDUC 449 and 452. Middle School Education candidates must have prior credit for EDUC 494 and take concurrently with 468 or 469 depending on concentration area. Secondary K-12 Education candidates must take concurrently with senior content methods course. Student Teaching I is the first semester of a full year residency for student teaching. Student teachers will be placed in schools according to their certification programs. The student teacher will spend 80% of the instructional time in partnering schools under the supervision of an assigned mentor teacher. Through co-teaching with the mentor teacher, the student teacher will work on instructional planning and implementation, classroom management and increasing student engagement and achievement. (Fall, Spring)

**456. Curriculum and Instruction in Early Literacy.** Credit 3 hours. Prerequisites: Must be taken concurrently with EDUC 453 and 457. This course includes the development of teaching competencies of future early childhood and lower elementary teachers with respect to topics in literacy. The needs of special populations as well as the integration of technology in instruction will be incorporated. (Fall, Spring)

**457. Curriculum and Instruction in Early Childhood Mathematics.** Credit 3 hours. Prerequisites: Must be taken concurrently with EDUC 453 and 456. This course includes the development of teaching competencies of mathematics of future PK-3 grade teachers. Primary emphasis is focused on developing the teaching skills and competencies of future early childhood and lower elementary teachers with respect to topics found in these curricular areas. The needs of special populations as well as the integration of technology into instruction will be incorporated into all areas of the curriculum. (Fall, Spring)

**467/563. Reading Instruction in Adult Education.** Credit 3 hours. A course dealing with the study of the diagnosis of adult reading problems and methods/materials utilized to teach basic reading skills to illiterate adults. (As Needed)

**468. Teaching Science and Mathematics in Middle School.** Credit 3 hours. Prerequisite: Must be taken concurrently with EDUC 453. Middle School Education candidates with a focus in math take concurrently with MATH 367. Best practices for instruction in science and mathematics for the middle school grades. Topics include planning for inquiry-based teaching, planning appropriate assessment and classroom strategies for science and mathematics content, planning for children's developmental readiness for concepts and process skills, use of resources and tools in each discipline, and developing reflective teaching practices. (Fall, Spring)

**469. Teaching Reading and Social Studies in Middle School.** Credit 3 hours. Prerequisites: Prior credit for or concurrent enrollment in LSED 402. Must be taken concurrently with EDUC 453. Middle School Education candidates with a focus in English take with ENGL 467. Middle School Education candidates with a focus in Social Studies take with HIST 321 and 322. This course includes the development of teaching competencies of reading and social studies in the middle school grade levels. The needs of special populations as well as the integration of technology into instruction will be incorporated. (Fall, Spring)

**472. Teaching Reading in the Content Areas.** Credit 3 hours. Prerequisites: EPSY 301 or 311, and Full SARTE status. A course designed to provide middle school and secondary school teacher with a knowledge of the reading process; methods and materials that can be implemented with various cultural groups; and skills for developing the reading abilities of students. Special emphasis will be given to reading in the content areas. Field experience required. Education majors only. (Summer, Fall, Spring)

**475/566. Current Issues in Elementary/Secondary Education.** Credit 1 hour. Seminar to clarify trends, methods and/or materials in curriculum with practical organizational procedures for implementation. May be repeated for a total of 2 hours credit, with no more than 1 credit hour in any one semester. (As Needed)

**484. Upper Elementary Curriculum and Instruction.** Credit 6 hours. Prerequisite: Full SARTE status, Introductory Portfolio, EDUC 320 and EDUC 328. The content of this block includes the development of teaching competencies in science, social studies, and language arts. Consideration of curriculum organization, behavioral and humanistic approaches to classroom management, methods and materials for meeting the needs of all learners at the upper elementary level; observation and application in grades 4-8. Concurrent enrollment in SPED 495. Field experience required. Education majors only. (Fall, Spring)

**485. Special Methods in High School Subjects.** Credit 3 hours. Prerequisites: This course should be taken concurrently with Education 488. Full SARTE status and concurrent enrollment or prior credit for EDUC 407 or KIN 431; EDUC 201 or 202, and EPSY 311. Have completed an approved Introductory Portfolio. (Under certain circumstances of concurrent enrollment with EDUC 201/202 and/or EDUC 407 or KIN 431, this requirement may be modified as determined by the instructor). Emphasis will be placed on the materials and methods in the student's major field of certification. Lesson planning, alternative assessment, classroom management and educational technologies are topics covered in the course. (As Needed)

**486. Student Teaching II: Secondary Schools.** Credit 9 hours. Prerequisites: See Requirements for Teacher Residency section in the Catalogue. Student Teaching II is the second semester of a full year residency for student teaching, and is all day, all week following the assigned school district calendar. Student teaching experiences include observation, participation in school



activities, management of classroom and student behaviors, daily lesson planning, instruction, and assessment under the supervision of an assigned mentor teacher from a partner school. Student teachers must receive a final grade of "Pass" (P) in order to graduate. (Fall, Spring)

**487. Student Teaching in the Secondary Schools.** Credit 12 hours. Prerequisites: See Requirements for Student Teaching section in this Catalogue. All-day, all-semester student teaching experiences, including observation, participation, and a minimum of 180 actual clock hours of teaching (with a substantial portion of the 180 hours in full day teaching) under the supervision of the assigned cooperating school teacher. Available on a pass/fail basis only. (As Needed)

**488. Practicum: Field Experience in the Secondary Classroom.** Credit 1 hour. Prerequisite: This course must be taken concurrently with EDUC 485. Full SARTE status, concurrent enrollment or prior credit for EDUC 407; EDUC 202, EPSY 311. The practicum provides experiences in classroom observations and supervised teaching, demonstration of classroom management techniques and utilization of educational technology in the secondary classroom (grades 7-12). (As Needed)

**490. Special Methods in High School Subjects.** Credit 6 hours. Prerequisites: Full SARTE status and an approved Introductory Portfolio. This course must be taken prior to student teaching. Emphasis will be placed on the materials and methods in the student's major field of certification. Lesson planning, alternative assessment, classroom management, and educational technologies are topics covered in the course. Field experience component required. (Fall, Spring)

**494. Methods in Middle School Subjects.** Credit 6 hours. Prerequisites: Full SARTE status and an approved Introductory Portfolio. Emphasis is placed on materials and methods for teacher candidates in the grade levels for middle school certification. Topics include lesson planning, alternative assessment, classroom management, and educational technologies. (Fall, Spring)

**499. Teacher Development Seminar.** Credit 1-3 hours. Prerequisite: Permission of the Department Head. The support seminar must be taken based upon recommendation of the Office of Student Teaching when student teaching has not been successfully completed. This course addresses the relationships among three fundamental aspects of the educational process: the subject matter of the curriculum, the diverse capabilities of students, and the teacher's responsibilities to design and implement instruction. Emphasis will be placed on major issues facing teachers in establishing and maintaining a positive and productive learning environment, as well as the professional roles and responsibilities. (As Needed)

**601. Educational Statistics and Research.** Credit 3 hours. The study of basic statistical concepts. Students will be introduced to fundamental concepts and procedures in the scientific study of educational problems. Content will include the examination of principal research methods including action research, an analysis of research studies, and the application of research principles with emphasis on improvement in professional practice. (Summer, Fall, Spring)

**605. Research Seminar in Gifted and Talented Education.** Credit 3 hours. Prerequisite: EDUC 648. An in-depth study of research in the creative thinking and problem solving curriculum development for gifted and talented students. Special emphasis will be placed on principles, methods, and evaluation of research as they relate specifically to the gifted and talented student. (As Needed)

**618. Counseling for the Gifted.** Credit 3 hours. A study of the challenges of adjustment encountered by gifted and talented students and their families. Special emphasis placed on counseling and guidance techniques appropriate in facilitating personal and family adjustments. Experience component included. (Fall)

**636. Supervision of Student Teaching.** Credit 3 hours. Prerequisite: A valid Level 3 Professional Teaching Certificate (Type B). Designed for teachers preparing to become supervising teachers. Concerned with experiences designed to help student teachers become effective elementary and secondary school teachers. (Summer)

**645. Graduate Student Teaching/Clinical Practicum in Communicative Disorders in the Elementary and Secondary Schools.** Credit 6 hours. Prerequisites: See Requirements for Student Teaching in this Catalogue. Graduate standing and minimum 90 hours of previous school experience in a setting other than a public school facility. All day, all semester clinical experiences, including observation, participation, I.E.P. and diagnostic report writing and parental counseling. One hundred twenty (120) hours student teaching will be conducted under the supervision of the assigned cooperating school therapist. Concurrent enrollment in Speech, Language, Hearing 625. (As Needed)

**646. Laboratory Practicum in Teaching the Gifted Child.** Credit 3 hours. Prerequisites: EDUC 648 and 649 or permission of the Department Head. Lecture and supervised practicum with individuals and small groups. Includes informal assessment, curriculum planning, development and implementation, and counseling. (Fall, Summer)

**647. Creativity in Gifted Education.** Credit 3 hours. This course will explore the area of creativity, focus on relevant theories and research, and prepare teachers to nurture and develop creativity in their students. (Spring)

**648. Characteristics of the Gifted Child.** Credit 3 hours. An orientation of the student to the basic understanding of the gifted child with emphasis upon identification, characteristics, and implications for educational, social, physical, emotional, and psychological development. (Fall)

**649. Methods and Materials in Education of the Gifted.** Credit 3 hours. Prerequisite: EDUC 648. An examination of provisions currently available for gifted children with reference to the concepts of acceleration, grouping, concepts of curriculum enrichment, special schools and classes, as well as an exploration of research relative to the adaptation of newer techniques to meet their needs. (Spring)

**650. Mathematics in the Elementary School.** Credit 3 hours. A study of recent research findings concerning methods of teaching and the content of elementary school mathematics. Students will be expected to apply diagnosis and prescription techniques in order to individualize their teaching of mathematics. (As Needed)

**651. Social Studies in the Elementary School.** Credit 3 hours. Designed to provide an understanding of the impact on the elementary school of new developments in social studies and new refinements in the teaching of social studies. Content, method, material, and general curricular implications will be considered. (As Needed)

**652. Science in the Elementary School.** Credit 3 hours. A study of current approaches to teaching science in the elementary school. Special emphasis will be given to a various science studies being developed throughout the nation. (As Needed)

**653. Student Teaching in Early Intervention.** Credit 9 hours. Prerequisites: See Requirements for Student Teaching section in this Catalogue. Observation, participation, and student teaching in an early intervention setting. Available on a pass/fail basis only. (As Needed)

**654. Language Arts in the Elementary School.** Credit 3 hours. A course providing a review of current research and practices for teaching the language arts. Special emphasis is placed on teaching the writing process in the elementary school. (Summer)

**655. Music in the Elementary School.** Credit 3 hours. A study and application of current trends and materials in music education for the elementary school. Emphasis is placed on involving the child through singing, speech, movement, and playing instruments. (As Needed)

**656. Special Problems in the Elementary School.** Credit 3 hours. Prerequisites: EDF 600 and 607, 615 or 616. Study of contemporary problems in elementary education. A review of pertinent research relating to these problems. Each student is expected to do intensive reading and reporting in areas deemed of particular interest and need, as identified by student and instructor. May be repeated for a total of six hours credit, with no more than three credit hours in any one semester. (As Needed)

**657. Reading in the Elementary School.** Credit 3 hours. A course providing for extensive study of recent trends in materials and methods in reading in the elementary school, including significant research studies which relate to these. Specifically emphasized will be various learning styles, the discussion of specific methods and materials, and their cross-cultural applicability. (Fall, Spring)

**658. Reading in the Secondary School.** Credit 3 hours. A course providing for extensive study of recent trends in materials and methods of reading in the secondary school, including significant research studies which relate to these. Special materials will be considered for use and adaptation with various cultural groups. Specific methodology within the content area will be explored. (Fall, Spring)

**659. Psychology of Reading.** Credit 3 hours. Prerequisite: EDUC 657 for elementary majors or EDUC 658 for secondary majors. Provides teachers with an understanding of the psychological bases of the reading process—those underlying reading ability and disability. Applications of the findings and theories of the psychologist to classroom situations are studied through the use of actual case studies. (As Needed)

**660. Dimensions of Diversity for Education: Students, Families, Cultures, and Communities.** Credit 3 hours. This is a core course for all students pursuing a master's degree in education. This course focuses on meeting the cultural, linguistic, and educational needs of diverse learners in schools through differentiated instruction and assessment. It also focuses on positive partnerships that can be developed among schools, students, their families, and their communities to foster cross cultural interactions, cultural understanding, social and economic development, and academic achievement. Graduate students enrolled in this course will be required to participate in

field experiences including visits to culturally and/or linguistically different populations. (Summer, Fall, Spring)

**661. Diagnostic and Prescriptive Reading.** Credit 3 hours. Prerequisite: EDUC 657, EDUC 658, EDUC 677, EDUC 678, or SPED 663. This course will cover a variety of formal and informal reading assessments. Students will learn to administer them, to interpret them, and to use their results to plan and implement appropriate instructional sessions geared to children's diverse needs. Reflective and professional writing are key components of this course. (Spring)

**662. Reading Research Seminar.** Credit 3 hours. Prerequisites: EDF 600, EDUC 657 or EDUC 658 or equivalent, EDUC 659 and EDUC 661 or equivalent. Intensive investigation of current and/or classic research studies of recognized importance to the teacher of reading, with encouragement and guidance offered to the student pursuing action research in reading. (As Needed)

**664. Content Area Reading and Study Strategies.** Credit 3 hours. A course designed to develop competencies in teaching strategies for content area subjects. Emphasis will be directed to teaching activities, specialized skills, and study strategies for learning substantive content through the reading of expository discourse and graphic representatives. Cross-cultural reading problems in the content areas and special methods for helping students overcome these problems will be discussed. (Summer)

**665. Elementary Levels-Practicum in Reading.** Credit 3 hours. Prerequisites: EDUC 657 and 661. An advanced laboratory course designed to give practice in developmental reading techniques appropriate to elementary levels. Experiences are provided in diagnosis, instructional planning, and evaluation of reading progress, using recognized practices presently available. (Summer)

**666. Middle/Secondary Levels-Practicum in Reading.** Credit 3 hours. Prerequisites: EDUC 658 and 661. An advanced laboratory course designed to give practice in the application of content area reading techniques at middle and secondary school levels. Experiences include diagnosis, instructional strategies and evaluation practices for determining reading progress. (As Needed)

**667. Readings in Secondary Education.** Credit 3 hours. Prerequisite: EDF 600. An examination of current research and professional literature in secondary education. An in-depth semester project is to be developed by the student under the direction of the course instructor. (As Needed)

**668. The Junior High School.** Credit 3 hours. The peculiar functions of the junior high school; its organization and place in the school system. (As Needed)

**669. Utilization of Audio-Visual Equipment.** Credit 3 hours. Prerequisite: EPSY 301 or permission of the Department Head. A study of various media available for use in elementary and secondary schools, with special emphasis on new educational technology. Investigation and experimentation on multimedia approach for effective utilization of instructional materials. (As Needed)

**670. Media Production.** Credit 3 hours. A study of methods and techniques of producing teaching materials. Students are taught production techniques and proper utilization of overhead transparencies, audio and video tapes, dry mounting and lamination and other materials which are useful in the elementary and secondary school classroom. Special emphasis is given to the correlation and fusion of Education Media in the instructional program. (As Needed)

**671. Instructional Television in the Schools.** Credit 3 hours. An introduction to the various types of television usage which differentiate between commercial, educational, and instructional television. Lectures and laboratory experiences pertaining to the use of television in the classroom. Special techniques needed for teaching with television. Two hours lecture and two hours laboratory per week. (As Needed)

**672. Administration of Media Programs.** Credit 3 hours. Prerequisites: EDUC 669 and EDUC 670. This course is designed to offer a survey of the general principles and practices in administering a media center at various levels-single building, system-wide, or college. Activities will be flexible and include practical problems, readings, and exploration of various areas in print and non-print materials. (As Needed)

**673. Independent Study.** Credit 1-3 hours. Prerequisites: EDF 600 and permission of the Department Head. Student completes research study and report under direction of graduate instructor. The course may be repeated for a total of six hours, with no more than three credit hours in any one semester. A maximum of three hours of credit in Independent Study may be applied toward the Master of Education Degree. (As Needed)

**674. Readings in Education.** Credit 3 hours. Prerequisites: EDF 600 and permission of the Department Head. Directed readings on selected topics in education. Area(s) of reading and study to be designated by instructor. Student may repeat the course for a total of six credit hours, with no

more than three credit hours in any one semester. A maximum of three hours of credit in Readings may be applied toward the Master of Education degree. (As Needed)

**675. Special Topics in Elementary and Secondary Education.** Credit 3 hours. An intensive examination of issues relevant to education and the schools. May be repeated as topics vary for a maximum of nine credit hours. (As Needed)

**677. Foundations of Early Literacy.** Credit 3 hours. A practical course which focuses on developing a better understanding of how children learn to read and how to teach children to read by more closely observing student reading and writing behaviors; understanding more explicitly the reciprocity of reading and writing; learning how to “teach for strategies;” and exploring the reading process in order to foster independent readers and writers. A developmentally appropriate instructional literacy program based on current research, observation, and responsive teaching as a foundation for promoting literacy acquisition will be designed and implemented. (Fall, Spring)

**678. Dyslexia and Related Disabilities in the Classroom.** Credit 3 hours. A survey of theories, screening procedures, and teaching strategies to be utilized with students with dyslexia and related disabilities (e.g., dyslexia, dysgraphia, dysnomia, etc.). Current research, specific characteristics, multisensory strategies, and management techniques will be discussed and applied. (Fall, Spring)

**679. Perspectives and Practices for STEM Education.** Credit 3 hours. This course will examine the curriculum, goals, methods, and materials for teaching the STEM (Science, Technology, Engineering, and Mathematics) curriculum in elementary and secondary schools. It will focus on methods for making these integrated subjects meaningful to students by promoting problem-based and project-based learning in a real-world context. Field components are required. (As Needed)

**688. Practicum in Elementary and Secondary Education.** Credit 3 hours. Prerequisite: EDUC 693. Students will identify a specific area in which educational improvement is needed within an elementary or secondary educational settings. Students will develop a plan to facilitate improvement in the area of concern. Under the direction and supervision of a faculty member, students will implement the plan and evaluate its effectiveness at the end of the semester. (As Needed)

**690. Instructional Coaching in Schools.** Credit 3 hours. Prerequisites: EDL 610 and EDL 612. A study of roles, responsibilities and practices of instructional coaches and mentors in schools are emphasized along with data-driven research-based instructional practices, differentiated instruction, and collaborating with school administrators and instructional personnel. Theories concerning adult learning, the social and psychological aspects of teacher career development are examined, along with the impact of school climate and culture on teacher collegiality. A field experience component is included. (As Needed)

**691. Curriculum Development in the Elementary School.** Credit 3 hours. Study of the principles and procedures for validating educational objectives in the elementary school, selecting and structuring experiences, initiating and directing curricular change, and evaluating results of curricular planning. (Fall)

**692. Curriculum and Instruction in the Secondary School.** Credit 3 hours. A critical study of teaching techniques and strategies and reappraisal of the selection of experiences and content for the improvement of curriculum and teaching practices in the secondary school. Review and analysis of available reports of research in curriculum and instruction are emphasized. (As Needed)

**693. Leadership for Change.** Credit 3 hours. Prerequisite: EDF 600. This course is designed to provide advanced candidates with the knowledge and skills to become leaders for school improvement. Emphasis is placed on the practical applications of principles and procedures in the scientific study of educational problems. (Fall)

**694. Sociological Issues Impacting Today's Schools.** Credit 3 hours. Societal issues that are having a major impact upon education will be addressed in this course. This course will help educators develop a cultural consciousness and assist them in developing multiple perspectives in school settings. The content of this course will provide the student with knowledge of prevailing factors that influence education and the curriculum in today's schools. (As Needed)

**695. Capstone Seminar.** Credit 3 hours. Prerequisites: EDF 600 and EDUC 693. This is the capstone seminar of the graduate program in Curriculum and Instruction. The course is the last of the series of three research-based courses. (Spring)

**696. Curriculum Development for Middle School.** Credit 3 hours. This course is a comprehensive examination of middle schools and the middle school movement. It covers history, philosophy, curriculum of middle schools, effective middle schools, organization, programs, and the essential characteristics of middle level learners. (Spring)

**699. Global Partnerships for Fostering Cultural Pluralism.** Credit 3 hours. A cultural partnership course offered as an enhancement to increase awareness, knowledge, understanding and appreciation of cultural pluralism. Learning experiences will address the multicultural and diversity needs of advanced candidates in teacher education. (As Needed)

**700. Internship for Teacher Leaders and Instructional Coaches.** Credit 3 hours. Prerequisites: All concentration area courses. A supervised internship for teacher leaders and instructional coaches developed in collaboration with school districts. Students observe and participate in directing, guiding, and evaluating instructional processes and/or activities related to collaboration, school improvement, and change. Direct involvement with instructional personnel, school administrators and staff, parents, and community members is emphasized. (As Needed)

**706. Seminar in Reading.** Credit 3 hours. Prerequisite: Advanced standing in the graduate program or permission of the Head of the Department. An intensive examination into the issues relative to the reading program. This course will be interdisciplinary in nature and will focus upon contributions of research, philosophy, history, and educational psychology as they apply to the resolution of major issues in reading. May be repeated for a total of six hours credit, with no more than three credit hours in any one semester. (As Needed)

**713. Independent Research Study.** Credit 3 hours. Prerequisites: EDF 600 and advanced standing in the Specialist program. Examination and in depth study, research, and evaluation of contemporary problems. (As Needed)

**714. Independent Research Study.** Credit 3 hours. Prerequisites: EDF 600 and advanced standing in the Specialist program. Examination and in depth study, research, and evaluation of contemporary problems. (As Needed)

**790. Specialist Thesis.** Credit 1-6 hours each semester, with 6 hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass/Fail. (As Needed)

## Educational Foundations (EDF)

**600. Application of Educational Research.** Credit 3 hours. Prerequisites: EDL 635, EDL 722, and concurrent enrollment in EDL 723 or permission of Department Head. Principles and procedures in the scientific study of educational problems. Examination of principal research methods and application of research principles for educational leaders. (As Needed)

**607. Philosophy of Education.** Credit 3 hours. A study of major philosophical systems and the educational theories associated with each system. (As Needed)

**615. History of Education.** Credit 3 hours. The growth and development of education and educational institutions from prehistoric times to the seventeenth century. (As Needed)

**616. History of American Education.** Credit 3 hours. The development of American education from the seventeenth to the twentieth century. (As Needed)

**620. Using Data for School Improvement.** Credit 3 hours. This course is designed to assist education professionals with their use of data to guide decision making and planning. Topics focus on developing data analysis skills through a review of types of data and sources, strategies for analyzing and interpreting data, and methods for determining how these efforts can relate to school improvement. (As Needed)

**673. Independent Study.** Credit 3 hours. Prerequisites: EDF 600 and permission of the Department Head. Student completes research study and report under direction of graduate instructor. The course may be repeated for a total of 6 hours, with no more than 3 credit hours in any one semester. A maximum of 3 hours of credit in Independent Study may be applied toward the Master of Education. (As Needed)

**674. Readings in Education.** Credit 3 hours. Prerequisites: EDF 600 and permission of the Department Head. Directed readings on selected topics in education. Area(s) of reading and study to be designated by instructor. Student may repeat the course for a total of 6 credit hours, with no more than 3 credit hours in any one semester. A maximum of 3 hours of credit in Readings may be applied toward the Master of Education. (As Needed)

**701. Educational Statistics.** Credit 3 hours. Prerequisite: EDF 600. Study of basic statistical concepts, both descriptive and inferential. Emphasis is placed on the use of these concepts in solving educational problems. (As Needed)

**713. Independent Research Study.** Credit 3 hours. Prerequisites: EDF 600 and advanced standing. Examination and in-depth study, research, and evaluation of contemporary problems. The course may be repeated for a maximum of six hours of credit. (As Needed)

**800. Introduction to Doctoral Program and Research Design in Educational Leadership.** Credit 3 hours. Prerequisite: EDF 600 or equivalent. The purpose of this course is to begin to prepare students to undertake a major research study, specifically the dissertation. Requirements and expectations of doctoral candidates, as well as technology that will be used for program delivery will be addressed. This course also presents and discusses quantitative and qualitative methodologies and processes used in applied research. (As Needed)

**801. Writing for Research in Educational Leadership.** Credit 3 hours. Prerequisite: EDF 800. This course is designed to prepare the doctoral student for the conduct of scholarly inquiry and writing. Topics include refining writing style, avoiding plagiarism, adhering to APA style, conducting literature reviews, and critiquing. It is expected that students will have knowledge of and skills in the use of computer applications, research and statistics, and information literacy. (As Needed)

**802. Quantitative Methods in Educational Leadership.** Credit 3 hours. Prerequisite: EDF 800. This course builds on the foundations of research and statistics and introduces advanced statistical techniques commonly used in educational research. Focus is on developing skills in parametric and non-parametric analyses through the use of statistical analysis software. (As Needed)

**803. Qualitative Methods in Educational Leadership.** Credit 3 hours. Prerequisite: EDF 800. Students in this course will discuss future trends, issues and problems in academic educational systems, understanding and developing a qualitative research design. Their focus will be to identify potential problems and solutions and develop useful and relevant theory in qualitative research. (As Needed)

**804. Mixed Methods Research in Educational Leadership.** Credit 3 hours. Prerequisites: EDF 800, EDF 802, and EDF 803 or permission of Department Head. A course that presents mixed methods research as a unique and separate research methodology integrating both the quantitative and the qualitative approaches. Candidates will be prepared to design, conduct, and critique mixed methods research. (As Needed)

**900. Doctoral Dissertation Proposal.** Credit 3-9 hours. Prerequisite: EDL 898 or permission of the Program Coordinator. The purpose of this course is to assist students through the writing and defense of the dissertation proposal and in obtaining the approval of the Southeastern Louisiana University Review Board for Research on Human Subjects (IRB) for their dissertation research design process. Students who have successfully defended their dissertation prospectus will register for at least three credit hours each academic term (summer, fall, spring) until the dissertation proposal is completed and defended before their committee. This course will be graded Pass/Fail only. (Summer, Fall, Spring)

**990. Doctoral Dissertation Seminar II.** Credit 3 hours. Prerequisite: EDF 900. Students in this course will work on the collection of data and reporting on the analysis of the results of their study. This course may be repeated for a maximum of six hours of credit. This course will be graded Pass/Fail only. (As Needed)

**995. Defense and Completion of Dissertation.** Credit 3-9 hours. Prerequisite: EDF 900. The purpose of this course is to assist students through the completion of the dissertation process. Students who have successfully defended their dissertation proposal will register for three to nine credit hours each semester (summer, fall, and spring) until the dissertation is completed, defended, submitted to the University, and approved. This course will be graded Pass/Fail only. (Summer, Fall, Spring)

## Educational Leadership (EDL)

**600. Research Methods for Administrators.** Credit 2 hours. A course designed for school administrators to provide an introduction to concepts and issues in research methodology. The primary focus of this course will be the acquisition and understanding of basic research terminology and techniques. (As Needed)

**610. Research Methods for Educational Leaders.** Credit 3 hours. Prerequisite: Concurrent enrollment in EDL 612. The course is designed for educational leaders to provide an introduction to concepts and issues in research methods and data analysis. Candidates will be required to collect, analyze, and present educational data. (As Needed)

**612. Seminar I: Fostering Vision and Leadership in Educational Environments.** Credits 3 hours. Prerequisite: Concurrent enrollment in EDL 610. The course will cover organization theory. Principles of organizational development will be explored, and special attention will be given to the development of shared visions and goals, and the strategic planning required to achieve them. (As Needed)

**625. Organizational Management.** Credit 3 hours. Prerequisites: EDL 702, EDL 721, and concurrent enrollment in EDL 642 or permission of Department Head. This course will cover the relationship among scheduling, resource allocation, shared decision-making, and technology to facilitate building management for effective school leadership. Field experiences required. (As Needed)

**626. Public School Administration.** Credit 3 hours. The fundamental facts and procedures of school administration are emphasized. Theory and practice are fused in teaching the duties and responsibilities of administrative officials in the organization, administration, and supervision of a modern school system. Twenty hours of practicum experiences in the appropriate setting are required. (As Needed)

**627. Elementary School Principalship.** Credit 3 hours. A study emphasizing the administrative roles and responsibilities of the elementary school principal. Emphasis is placed upon fusing theory and practice in elementary school administration. (As Needed)

**628. Secondary School Principalship.** Credit 3 hours. Emphasis is placed upon the theory and practice of the roles and responsibilities of the modern secondary school principal. Special attention is given to administrative roles in staff relations, curriculum, instruction, discipline, community involvement, and fiscal management. (As Needed)

**635. Supervision of Instruction.** Credit 3 hours. Prerequisites: EDL 625, EDL 642, and concurrent enrollment in EDL 722 or permission of Department Head. A study of the purposes, organization, and development of supervisory programs. Theory and practice of the principles, techniques, and procedures in the improvement of instruction at both the elementary and secondary school levels. Field experiences required. (As Needed)

**641. School Facilities Planning and Utilization.** Credit 3 hours. A study of the duties and responsibilities of educational and non-educational personnel in the planning, construction and utilization of the school plant. (As Needed)

**642. School Personnel Administration.** Credit 3 hours. Prerequisites: EDL 702, EDL 721, and concurrent enrollment in EDL 625 or permission of Department Head. Organization for personnel services; development of policy to govern selection, orientation, placement, remuneration, transfers, separation, and the development of morale among instructional and non-instructional personnel. Field experiences required. (As Needed)

**660. Seminar I: Facilitating a High Quality Learning Community.** Credit 2 hours. Prerequisites: Admission to Program and concurrent enrollment in EDL 600 and ETEC 616. The course will cover organizational theory. Principles of organizational development will be explored and special attention will be given to the development of shared visions and goals, and the strategic planning required to achieve them. (As Needed)

**661. Seminar II: Organizational Management and Legal Issues.** Credit 6 hours. Prerequisites: EDL 600, EDL 660, and ETEC 616. This course will cover the relationship among scheduling, resource allocation, shared decision-making, and technology to facilitate building management for effective school leadership. Legal issues related to school management will also be explored. (As Needed)

**662. Seminar III: Human Resources and School-Community Relations.** Credit 6 hours. Prerequisite: EDL 661. The importance of developing effective interpersonal relationships with faculty, staff, and community is the focus of the course, along with human resource management, including recruitment, selection, induction, and professional development. Effective communication with internal and external publics, as well as with the media, will be explored. (As Needed)

**663. Seminar IV: School Leader as Instructional Facilitator.** Credit 6 hours. Prerequisites: Seminars I, II, and III. The instructional program will be explored through an analysis and evaluation of curriculum, student assessment, and instruction. Emphasis will be placed upon the supervision of the teaching and learning process as it relates to continuous school improvement. (As Needed)

**664. Seminar V: School Leader as Change Agent.** Credit 6 hours. Prerequisites: Seminars I, II, III, and IV. School improvement will be explored with particular emphasis placed on the importance of change, action research, data analysis, and risk-taking. (As Needed)

**665. Seminar VI: The Internship.** Credit 5 hours. Prerequisites: Seminars I, II, III, IV, and V. The internship includes a variety of planned experiences in a diverse work environment and multiple settings that involve direct interaction and involvement with candidates, staff, parents, and community leaders over an extended period of time. (As Needed)

**702. School-Community Relations.** Credit 3 hours. Prerequisites: EDL 610, EDL 612, and concurrent enrollment in EDL 721 or permission of Department Head. Study of the public relations problems including reporting to parents and acquainting the community with the purposes, methods, accomplishments, and needs of the school. School-community activities that are initiated from within the school, those that are initiated from without the school, and those activities that are initiated jointly by the school and the community to improve relations are reviewed, analyzed and evaluated. Special emphasis is given to the importance of the role of the educational leader in school-community relations. Field experiences required. (As Needed)

**704. Supervision of Child Welfare and Attendance.** Credit 3 hours. An outline of the responsibilities of the visiting teacher to include home and school visitation programs, an analysis of attendance and related problems, the promotion of home-school relationships, and maintenance of all necessary records. (As Needed)

**709. Practicum in Supervision.** Credit 3 hours. Prerequisites: EDL 626 and 635; admittance to the program except for those already holding a master's degree and seeking add-on certification. A course designed to provide supervised practical experiences in supervision. Students observe and participate in direction, guiding, and evaluating the teaching-learning process and other aspects of supervisory activities. Attention is given to exploration and experimentation of different approaches to supervision. (As Needed)

**710. Public School Finance.** Credit 3 hours. Study of the principles of taxation, local, state, and federal financing of public education and equalization of educational opportunity. Special emphasis given to the complete budget making process at the district level and a detailed study of school business management at the local school level. Sound accounting procedures reviewed and the student given experience in actual budget making and in setting up a sound business management program for a local school. (As Needed)

**721. School Law.** Credit 3 hours. Prerequisites: EDL 610, EDL 612, and concurrent enrollment in EDL 702 or permission of Department Head. The course shall encompass an examination of the constitutional and legal bases of public education in the United States and Louisiana. Field experiences required. (As Needed)

**722. Curriculum Improvement.** Credit 3 hours. Prerequisites: EDL 625, EDL 642, and concurrent enrollment in EDL 635 or permission of Department Head. A study of problems, trends, and procedures in curriculum improvement and development. Emphasis is given to educational leader's roles and responsibilities and innovations in curriculum improvement. Field experiences required. (As Needed)

**723. Leading Change in Educational Organizations.** Credit 3 hours. Prerequisites: EDL 635, EDL 722, and concurrent enrollment in EDF 600 or permission of Department Head. This course is designed to provide leaders with an understanding of change facilitation in schools. Emphasis will be placed on theory-based change strategies to support school improvement initiatives. Field experiences required. (As Needed)

**725. Internship in Educational Leadership.** Credit 3 hours. Prerequisites: EDF 600, EDL 723, and concurrent enrollment in ETEC 615 or permission of Department Head. Provides candidates opportunities to apply leadership knowledge and skills to demonstrate the capacity to promote the current and future success and well-being of each student and adult. Attention will be given to the experiential background of each candidate as opportunities are developed at the needed practicum level. (As Needed)

**730. Current Issues in Educational Leadership.** Credit 3 hours. Prerequisite: Department Head Approval. An examination of recent and anticipated issues in education that affect school leadership and strategies for dealing with them. (As Needed)

**733. Advanced School Law.** Credit 3 hours. Prerequisite: EDL 721 or the equivalent. An examination of recent court decisions and federal and state legislation affecting the educational leadership role in schools. (As Needed)

**810. Leadership Theory and Practice.** Credit 3 hours. This course examines leadership as a primary force that provides purpose and direction, and shapes the quality and character of institutions. It presents a comprehensive examination of current research relating to effective educational leadership. Knowledge of past models of leadership is linked with an analysis of



contemporary schools and with the skills required to assume the role and responsibilities of an administrator in restructured school environments. Course work is designed to serve as a basis for professional reflection toward the formulation of a personal theory of educational leadership. (As Needed)

**811. Management of Educational Organizations.** Credit 3 hours. Prerequisite: EDL 810. This course is designed to examine the role of superintendents and central office directors in emerging social, economic, and political contexts that are changing the nature of schooling, altering how schools are viewed, and are transforming how they lead. A broad range of issues that are critical to the success of new superintendents and issues that can affect relationships and impact districts will be explored. Particular attention will be paid to issues of leadership in diverse organizations. (As Needed)

**812. Supervision in Educational Settings.** Credit 3 hours. Prerequisite: EDL 810. This course examines advanced definitions and determinations of staffing needs, supervision, and management and coordination problems. Also addressed are policies for recruitment, selection, assignment, salary planning, scheduling, promotion, separation, grievances, reassignment, records, development programs, in-service training, evaluation, benefits and services. (As Needed)

**820. Legal Issues and Ethics in Educational Organizations.** Credit 3 hours. Prerequisite: EDL 810. A study of federal and state constitutions, legislation, regulatory guidelines and court decisions related to the operation of educational organizations. Development of awareness and knowledge of legal parameters related to education. Students will be required to conduct legal research and apply and synthesize knowledge of case law and state and federal mandates in areas such as contractual requirements, church-state relationships, education of special needs students, students and parental rights, and tort liability. Ethics and morality in decision-making will also be examined. (As Needed)

**821. Politics and Community Relations.** Credit 3 hours. Prerequisite: EDL 810. This course examines administrative factors of primary importance in developing community involvement in public schools. It emphasizes theory and skills related to school systems and individual communication. It uses social science theory and research to study the political context of educational policy making. (As Needed)

**822. Policy Development and Analysis.** Credit 3 hours. Prerequisite: EDL 810. This course is designed for those who seek to increase their leadership potential through becoming familiar with important aspects of educational policy development, as it is used to accommodate the major social, economic, political, and behavioral aspects of an educational setting. The purpose of this course is to develop an understanding of the process by which decisions are made, and policy is formulated, analyzed, implemented, and evaluated. (As Needed)

**823. Fiduciary Management of Educational Organizations.** Credit 3 hours. Prerequisite: EDL 810. This course examines the principles of taxation, local, state and federal financing of education and equalization of educational opportunity. Special emphasis is given to the complete budget making process at the district level and detailed study of business management at the local school level. Sound accounting procedures are reviewed. Additional topics include introduction to purchasing, transportation, food service operations and other business-related tasks and functions. (As Needed)

**824. Legal Issues in Special Education.** Credit 3 hours. Prerequisite: EDL 810. This course will provide an in-depth study of the historical and legal foundations of disability law and its functionality within public schools. Information presented in this course is contextualized through various means including: understanding the unique educational needs of students who qualify for IDEA or Section 504 services, disability law and policy, and current research. From this course, students gain an understanding of the legal and ethical roles and responsibilities of an educational leader in meeting the unique needs of children with disabilities. (As Needed)

**830. Foundations of Curriculum Theory and Design.** Credit 3 hours. This course examines curriculum theory with emphasis on the various approaches to curriculum design and development and other factors that impact curriculum. (As Needed)

**831. Critical Analysis of Current Research on Effective Educational Practice.** Credit 3 hours. This course will focus on recent research on best practices of leadership for empowering teachers, creating communities of continuous learning, and increasing student achievement. The students will hone their critical thinking skills through analysis, synthesis and evaluation of research reporting. (As Needed)

**832. Educational Evaluation.** Credit 3 hours. This course provides students with the research and evaluation skills required to implement various program evaluation models. It also provides the

skills necessary for effectively using the standards of the National Joint Committee on Standards for Program Evaluation. (As Needed)

**840. Change Theory.** Credit 3 hours. Prerequisite: EDL 810. This course examines the application of organizational development practices related to educational settings. It focuses on change theory and its implementation in schools. The course assists students in the understanding of change by utilizing some of the concepts of Kurt Lewin including field theory and action research. Course topics and instruction offer an examination of the fundamental concepts of change and behavioral analysis. (As Needed)

**841. Organizational Development for Learning Communities.** Credit 3 hours. Prerequisite: EDL 810. This course is designed to focus on schools as learning communities, theories of leadership and organizational development, and strategies for creating communities of continuous learning. The course addresses current research on professional learning communities, collective responsibility, and teacher collaboration. (As Needed)

**842. Culture, Climate and Change Leadership.** Credit 3 hours. Prerequisite: EDL 810. This course is designed to explore the concepts of continuously developing new knowledge about what is needed to initiate and sustain deep systemic changes in K-12 public education for improved learning for all students. It also examines sponsoring programs that strengthen the capacities of educational and change agents to implement systemic change and disseminate key concepts and ideas to diverse learning communities. (As Needed)

**871. Special Topics in Instructional Leadership.** Credit 3 hours. This course provides an opportunity for an in-depth examination of selected topics in instructional leadership. Content may vary from semester to semester in an attempt to include topics of current interest and importance. The course may be repeated for a maximum of six hours of credit. (As Needed)

**875. Special Topics in Educational Leadership.** Credit 3 hours. Prerequisite: EDL 810. This course provides an opportunity for an in-depth examination of selected topics in the leadership of educational organizations. Content may vary from semester to semester in an attempt to include topics of current interest and importance. The course may be repeated for a maximum of six hours of credit. (As Needed)

**880. Research Practicum.** Credit 3 hours. Prerequisite: EDF 804. Practicum in quantitative and qualitative data collection techniques and procedures as well as data analyses and interpretations. The relationship among conceptual or theoretical frameworks, research questions, and instrumentation will be emphasized. (As Needed)

**897. Internship.** Credit 3 hours. Prerequisite: EDL 810. The course is an internship that allows students to demonstrate their competence in an administrative position and to be involved actively in practice and administration. The course is designed to link in-class experiences with the world of professional work. Students, in collaboration with educational officials, will also select/identify a school improvement activity as part of the internship experience. Students are expected to complete a minimum of 150 clock hours of field experience, 50 of which are devoted to a school improvement project. (As Needed)

**898. Doctoral Dissertation Prospectus.** Credit 3-9 hours. Prerequisite: EDL 880 or permission of Program Director. The purpose of this course is to assist students through the writing and defense of the dissertation prospectus. This includes articulating the purpose and importance of the study, developing a conceptual framework, and conducting a review of professional literature that culminates in the writing of Chapters 1 and 2. Students who have successfully completed EDL 880 will register for at least three credit hours each academic term (summer, fall, spring) until the dissertation prospectus is completed and successfully defended before their committee. This course will be graded Pass/Fail only. (Summer, Fall, Spring)

**899. Qualifying Paper.** Credit 1 hour. Prerequisites: EDF 800 and 801. The student must enroll in this course each term until the successful defense of the Qualifying Paper by the student. The course is graded IP (In Progress) each term until the Qualifying Paper is completed at which time the course will be graded Pass/Fail. The course does not count as part of the 60 semester hour minimum program requirement. (As Needed)

## Educational Psychology (EPSY)

**301. Educational Psychology of Children and Adolescents.** [LCN: CPSY 2613, Educational Psychology] Credit 3 hours. Prerequisites: Sophomore standing (30 hours), 2.75 cumulative or degree GPA, grade of C or better in ENGL 102. An investigation of the cognitive, social, physical, and

personality aspects of the child and adolescent as they apply to the teaching-learning process. Special attention will also be given to the characteristics and needs of exceptional children. Field experience required. (Summer, Fall, Spring)

**303. Child Psychology.** Credit 3 hours. Prerequisite: EDUC 202. An investigation of major forces in the cognitive, social, physical, and personality development of the child. (As Needed)

**311. Adolescent Psychology in the Classroom.** Credit 3 hours. Prerequisites: EDUC 203, EDUC 212, and Provisional SARTE status. A study of physical, mental, social and personality development during adolescence as it applies in the classroom. The needs of special populations such as students with mild/moderate impairments will be considered. Field experience required. Education majors only. (Summer, Fall, Spring)

**602. Adolescent Psychology.** Credit 3 hours. The effects of physical, social, emotional, and personality development on the behavior and adjustment of the adolescent. (Spring)

**603. Classroom Management and Motivation.** Credit 3 hours. A detailed investigation of various models of classroom management and motivation. Included are such topics as behavior modification, assertive discipline, control theory, and the concept of the democratic classroom. (Fall, Spring)

**605. The Psychological Foundations of Human Learning.** Credit 3 hours. Investigation of the classic psychological principles of learning as well as contemporary theory and research. An overview of behavioral and cognitive learning processes is presented. (Fall)

**606. Social and Personality Development in Children.** Credit 3 hours. Exploration of the child's development of personality, self-concept, achievement motivation, moral judgment, and positive social values. (As Needed)

**614. Humanistic Psychology.** Credit 3 hours. Prerequisite: EPSY 301 or 311 depending upon major field of certification or six hours in PSYC or EPSY. An advanced course covering the "third force," humanistic movement in psychology and education. Theories, research, applications and implications of such psychologists as Maslow, Rogers, Combs, May, Lecky, and Jourard. (As Needed)

## Educational Technology (ETEC)

**305. Computer Applications in the School Setting.** Credit 3 hours. Prerequisites: EDUC 202 or 201; and 211 or 203; and 212. Emphasis is placed on computer utilization in school setting. Topics include examinations of how schools use microcomputers to create a favorable microcomputer learning environment. Experiences in evaluating software and differentiating between computer managed instruction and computer assisted instruction will be provided.

**306. Integrating Technology into the K-12 Classroom.** Credit 2 hours. Prerequisites: EDUC 202 or 201; and 211 or 203; and 212. This course provides students with skills and knowledge necessary to be able to effectively and ethically infuse technology into the K-12 classroom. Students are required to successfully demonstrate their ability to effectively use productivity and pedagogically based software, and develop and use educationally appropriate Internet technology to enhance student learning.

**310. Integrating Technology into the Secondary Computer Science Laboratory.** Credit 3 hours. This course focuses on computer utilization in the computer lab setting. Students are familiarized with the laboratory environment and the basic operational system structures of hardware and software which facilitate learning in that environment. Topics include evaluation and selection methods for hardware and software for the laboratory as well as legal and ethical issues confronting laboratory teachers. The course will have a field component.

**410. Secondary Computer Science Methods.** Credit 3 hours. This course is an introduction to the methods, techniques, and concepts that will be useful in teaching students and other faculty in the computer laboratory setting. Students will apply human computer interface principles, pedagogical theory and professional practices in analyzing software, multimedia, and ubiquitous computing teaching practices. This course will have a field component.

**411. Field Experiences in Implementing Technology into the Computer Science Classroom.** Credit 3 hours. Prerequisite: ETEC 410. This course is a thirty-hour practicum in a secondary school. It is designed to explore questions of the nature, purpose and practices of computer science in the modern school curriculum. Students are expected to develop a rationale for teaching computer science in the secondary environment.

**475/575. Special Topics in Educational Technology.** Credit 3 hours. An intensive examination of issues relevant to educational technology and the learning process. As topics vary, the course may be repeated for a maximum of six hours' credit.

**610. Integrating Computers Into the Elementary and Secondary Classroom.** Credit 3 hours. This course is designed primarily for experienced teachers and provides an overview of microcomputer applications. Emphasis is placed on providing a working knowledge of and hands-on experience with microcomputers. Topics include selecting and evaluating appropriate computer assisted instruction, relating learning theories to current educational uses of microcomputers, examining research on educational applications of microcomputers, surveying periodicals in the field, and individualizing instruction using computer managed instruction.

**611. Administrative Applications of Microcomputers.** Credit 3 hours. This course is designed primarily for school administrators and provides an overview of microcomputer applications in the school administrative environment. Emphasis is placed on providing a working knowledge of and hands-on experience with microcomputers. Topics include selection and evaluation of hardware and software, working with operating systems, networking and telecommunications techniques, system security, backup procedures, legal issues, adaptation of existing software, integrated software, and staff development.

**615. Technology Studies for Educational Leaders.** Credit 3 hours. Prerequisites: EDF 600, EDL 723, and concurrent enrollment in EDL 725 or permission of Department Head. Designed for educational leaders to provide an overview of microcomputer applications in the school-based administrative environment. Emphasis is placed on working knowledge and hands-on experience with computers and computer applications. The students will review hardware, software, networking and telecommunications, computer security, legal issues, and integration and support of educational technologies. Students will also prepare their electronic portfolio for defense. (As Needed)

**616. Technology Studies for Administrators I.** Credit 2 hours. This course is designed for school administrators to provide an overview of microcomputer applications in school administrative environment. Emphasis is placed on working knowledge and hands-on experience with computers and computer applications. The students will review hardware, software, networking and telecommunications, computer security, legal issues and integration and support of educational technologies. Students will also create an electronic portfolio of work. This course is designed for beginner level students.

**617. Technology Studies for Administrators II.** Credit 1 hours. Prerequisite: ETEC 616. This course is designed primarily for school administrators to provide guidance in the refinement of their electronic portfolios.

**620. Infusion of Technology into Professional Practice.** Credit 3 hours. This course provides candidates with current information on the latest developments in technology. The primary focus of the course is the infusion of technology into professional practice for the purpose of improving achievement and functioning across all related areas. Candidates will be required to engage in practicum work within a professional setting.

**630. Technology Planning and Administration.** Credit 3 hours. Prerequisite: ETEC 620. This course develops foundational skills for managing technology for teaching at the school site. These skills will include school-wide planning for the use of technology; logistics for technology implementation within the local site, facilities and resource management, funding and budgetary issues, technical policies and procedures and school connectivity planning.

**635. Legal Issues in the Digital Age.** Credit 3 hours. This topics-based course will acquaint students with the wide array of legal and ethical issues associated with the rapid growth of computer networks and the Internet as they apply to issues in Education. Among the topics covered will be freedom of expression, privacy, tort liability, copyright, intellectual property and web publishing. Students will become familiar with, and read, case law related to these issues.

**641. Webmastering for K-12 Instructional Delivery.** Credit 3 hours. Prerequisite: ETEC 620. This course is designed to develop expertise with the World-Wide-Web, including basic skills in the planning and development of an instructional Web site for support of teaching in the K-12 classroom. It requires intermediate computer expertise.

**644. Design and Development of Instructional Software for the Elementary and Secondary School.** Credit 3 hours. Prerequisite: ETEC 620 or permission of the Department Head upon demonstration of computer skills. This course is designed to assist teachers in using the techniques involved in planning and creating a computer-assisted instructional program in a discipline of their choice. Emphasis is placed on the importance of authoring languages and authoring systems in

producing computer assisted instruction. Current learning theory as it pertains to authoring microcomputer CAI programs is examined. Students will create a program of microcomputer assisted instruction with appropriate documentation and student/teacher support materials.

**645. Curricular Design and Development for Distance Learning.** Credit 3 hours. Prerequisite: ETEC 620. This course introduces candidates to the use of technologies designed to allow instruction at a distance. Its focus is on the design and development of distance-delivered instruction from conception to implementation. Topics will include learner access, course content, application of learning theories and models of effective instruction at a distance. It includes hands-on experience with instructional technology tools.

**646. Advanced Design of Instructional Software.** Credit 3 hours. Prerequisites: ETEC 644, and 645. This course is designed to continue with concepts and skills developed in ETEC 644 and 645. Students will work with authoring languages and authoring systems to produce professional quality instructional software. Students will develop software employing educational design principles with appropriate documentation and student/teacher support.

**650. Educational Telecommunications (Networking and the Internet).** Credit 3 hours. Prerequisite: ETEC 644. This course will develop a fundamental understanding of the technical workings of networking technologies. Topics and exercises will include development and implementation of school networks and setup and maintenance of LAN and Internet servers. A hands-on course for developing and maintaining first-line support for educational telecommunications.

**660. Technology Leadership for Change.** Credit 3 hours. Prerequisite: ETEC 620. This course is designed to develop an understanding of technology management for teaching and learning within a professional learning environment. These skills will include organization-wide planning that incorporates instructional design, curriculum integration with standards, logistics of technology implementation with the local site, training and evaluation.

**665. Design of Professional Development Programs for K-12 Technology.** Credit 3 hours. Prerequisites: ETEC 644, and ETEC 645. This course is designed to prepare teachers in the development of leadership knowledge, and the attitudes and behaviors related to activities for guiding, directing and mentoring other teachers in the use of instructional technologies in classroom teaching.

**680. Practicum for Technology Concentration.** Credit 3 hours. Prerequisites: ETEC 644, 645, 650, 660 and 695. This course provides the student with experience with the application of technology facilitation and leadership skills and techniques in a community or school setting.

**695. Evaluation of Instructional Technology Research.** Credit 3 hours. Prerequisites: EDF 600 and ETEC 644. After taking this course the student will be able to discuss instructional research related to the implementation of technology-based instruction in the schools; develop knowledge of the curricular inquiry into research and organization of curricular designs for technology-based instruction in a variety of settings; evaluate research into technology-based instruction; apply the findings of instructional and curricular research to technology-based instruction in projects for implementation in educational settings.

**810. Educational Technology Theory and Design.** Credit 3 hours. This course provides a foundational understanding of educational/instructional technology and its relevance to computers, media, and instructional design. Students have opportunities to develop their skills in the use of computer hardware, peripherals and software applications, and to explore implementing and managing technology in instructional environments.

**811. Overview of Current Educational Technology.** Credit 3 hours. This course is designed to introduce students to educational technology research, from designing and conducting a research study to synthesizing and presenting the results in written and oral formats. It is expected that skills will be situated within the context of issues that are relevant to the field of educational technology leadership. Students will examine relevant literature, write out research questions, design instruments, and gather and analyze data.

**812. Leadership in the Integration of Emerging Technologies.** Credit 3 hours. This course is designed to provide an interactive, collaborative environment that fosters development of technology leaders with skill in the design and implementation of emerging technologies in the educational environment. Students will examine the integration of emerging technologies through field experiences, Web-based resources, video case studies, and in-class and listserv discussions.

## English (ENGL)

**92. Transitional English.** Credit 4 hours. Placement: 17 or below on English ACT score. Instruction and practice in basic principles of essay writing. Instruction in grammar and mechanics as they apply to writing. Introduction to writing with computers. Computer-assisted instruction, learning communities, service learning, and supplemental instruction offered. Internet classes available. Credit hours do not count toward graduation. The final course grade will be a Pass (P) or Unsatisfactory (U). (Summer, Fall, Spring)

**93. Developmental English.** Credit 3 hours. This workshop course will focus on grammar, mechanics and organization in essays, and must be taken concurrently with English 101. Students will workshop their 101 assignments while improving their understanding of rhetorical strategy. Enrollment is required for students with an English ACT score of 16 or 17. Credit hours do not count toward graduation. The final course grade will be a Pass (P) or Unsatisfactory (U). (Summer, Fall, Spring)

**101. Freshman Composition.** [LCCN: CENL 1013, English Composition I]. Credit 3 hours. Prerequisite: English ACT score of 18 or above or an appropriate score on the Accuplacer exam or satisfactory completion of an appropriate developmental English course. Required of all students who do not qualify for ENGL 102, 121H or 122H. Instruction and practice in the basic principles of expository writing: the paragraph and the whole composition, the methods of development, the thesis, the outline and organization, the structure and style. Instruction in functional grammar, sentence structure, diction and spelling, punctuation and mechanics, in direct relation to the student's writing. For placement in ENGL 101, see English Placement section in this Catalogue. A laboratory fee is required for this course. (Summer, Fall, Spring)

**102. Critical Reading and Writing.** [LCCN: CENL 1023, English Composition II]. Credit 3 hours. Prerequisite: ENGL 101 or 121H or 123H or English ACT score of 29 or above. Development of skills in reading critically, analyzing models of good writing, and writing in response to a variety of texts, including imaginative literature. Writing the argumentative essay, the critical essay, the research paper, and the essay examination. For placement in ENGL 102, see English Placement section in this Catalogue. A laboratory fee is required for this course. (Summer, Fall, Spring)

**121H. Ancient Epic: Literature and Composition.** Credit 3 hours. Prerequisite: Minimum ACT Composite score of 24 or minimum ACT English score of 24. It is recommended that students in the University Honors Program who are pursuing either a University Honors Diploma or a University Scholars Diploma and who enroll in this course should concurrently enroll in HIST 101H (Honors History of Western Civilization). English 121H includes reading of ancient through early medieval epics, an introduction to lyric poetry, review of grammar, instruction in basic principles of composition, and practice in writing different types of expository essays. A student may not receive credit for both ENGL 121H and ENGL 230. (Fall, Spring)

**122H. Modern Epic: Literature and Composition.** Credit 3 hours. Prerequisite: A minimum grade of "C" in ENGL 121H or ENGL 123H or demonstration of superior ability in ENGL 101 or credit for ENGL 101 plus a minimum ACT Composite score of 24 or credit for ENGL 101 plus a minimum ACT English score of 24, or an ACT English score of 29 or higher. ENGL 122H is required of all students pursuing an Honors Diploma in English. It is recommended that students in the University Honors Program who are pursuing either an Honors Diploma or a University Scholars Diploma and who enroll in this course must concurrently enroll in HIST 102H (Honors History of Western Civilization). English 122H includes reading of works since the medieval period that amplify or question norms of the epic genre, study of selected lyric poetry and prose, and practice in writing critical essays and the research paper. A student may not receive credit for both 122H and ENGL 230. (Fall, Spring)

**123H. Topics in Critical Reading and Writing.** Credit 3 hours. Prerequisite: Minimum ACT Composite score of 24 or minimum ACT English score of 24. A variable content, writing intensive course engaging students with significant texts in literature and culture. (As Needed)

**124H. Topics in Reading and Research-Based Writing.** Credit 3 hours. Prerequisite: A minimum grade of "C" in ENGL 121H or ENGL 123H or demonstration of superior ability in ENGL 101 or credit for ENGL 101 plus a minimum ACT Composite score of 24 or credit for ENGL 101 plus a minimum ACT English score of 24, or an ACT English score of 29 or higher. A variable content, writing intensive course, incorporating research and engaging students with significant texts in literature and culture. (As Needed)

**210H. Honors Studies in Literature.** Credit 3 hours. Prerequisite: Minimum grade of "C" in either ENGL 122H or ENGL 124H or combined minimum ACT English and ACT Composite score of 65 and an advanced standing examination (a composition examination administered and evaluated by the Department of English) or demonstration of superior ability in ENGL 102. A seminar focused on a particular topic, area, major author, text, or literary period. Course content varies by instructor and semester. (As Needed)

**230. World Literature.** [LCCN: CENL 2203, World Literature I; CENL 2213, World Literature II; CENL 2223, Major World Writers]. Credit 3 hours. Prerequisite: ENGL 102. A survey of major writings of the Western tradition from classical times to the present. For placement in ENGL 230, see English Placement section of this Catalogue. A student may not receive credit for both ENGL 230 and ENGL 121H or 122H. (Summer, Fall, Spring)

**231. English Literature.** [LCCN: CENL 2103, British Literature I; CENL 2113, British Literature II; CENL 2123, Major British Writers]. Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A course in the study of prose, drama, and poetry by major writers of English literature. Emphasis on the development of appreciation. For placement in ENGL 231, see English Placement section of this catalogue. (Fall, Spring, Summer)

**232. American Literature.** [LCCN: CENL 2153, American Literature I; CENL 2163, American Literature II; CENL 2173, Major American Writers]. Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A course in the study of prose, drama, and poetry by major writers of American literature. Emphasis on the development of appreciation. For placement in ENGL 232, see English Placement section of this Catalogue. (Summer, Fall, Spring)

**291H. Tragedy and Comedy.** Credit 3 hours. Prerequisite: Minimum grade of "C" in either ENGL 122H or ENGL 124H or combined minimum ACT English and ACT Composite score of 65 and an advanced standing examination (a composition examination administered and evaluated by the Department of English) or demonstration of superior ability in ENGL 102. English 210H, 291H, or 292H is required of all students pursuing either a University Honors Diploma or a University Scholars Diploma. A study of representative works from the great periods of drama to understand the tragic and comic visions of life. Emphasis on literature as a criticism of life, appreciation, and improvement of writing skills. For placement in ENGL 291H, see English Placement section in this catalogue. (As Needed)

**292H. Modern Fiction.** Credit 3 hours. Prerequisite: Minimum grade of "C" in either ENGL 122H or ENGL 124H or combined minimum ACT English and ACT Composite score of 65 and an advanced standing examination (a composition examination administered and evaluated by the Department of English) or demonstration of superior ability in ENGL 102. English 210H, 291H, or 292H is required of all students pursuing either a University Honors Diploma or a University Scholars Diploma. A study of nineteenth- and twentieth-century classic novels and short stories as documents and critiques of society and culture. Emphasis on the interpretive process, critical evaluation, and refinement of writing skills. For placement in ENGL 292H, see English Placement Section in this catalogue. (As Needed)

**300. Introduction to Literary Analysis and Interpretation.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. An introductory course focusing on the major genres (prose fiction, poetry, drama), the basics of analysis and theory, research methods, and the writing skills crucial to the study of literature. This course is designed for students planning to major in English or a related discipline. (Fall, Spring)

**301. British Literature I.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Selected readings (some in translation) from Medieval and Renaissance, Restoration, and Enlightenment periods in the British Isles. (Fall, Spring)

**303. British Literature II.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Selected readings of major writers from the Romantics to the present in the British Isles. (Fall, Spring)

**305. Practicum in English for Education Majors.** Credit 1 hour. Prerequisite: ENGL 102 or 122H or 124H. A variable content practicum in English language arts for Education majors (Fall)

**309. Introduction to Publishing Studies.** Credit 3 hours. Prerequisite: ENGL 102 or 122H. An introduction to the field of print and digital publishing. Study and practice of editing, production, printing and posting online, and marketing processes involved with publishing newspapers, books, or serials. (Fall, Spring)

**310. Literature of the African Diaspora.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Credit 3 hours. A survey of African American writers and other writers from the African Diaspora. (As Needed)

**312. Advanced Grammar.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Study of structural and functional grammars, modern syntax, morphology, and usage. Special attention to the applications of grammatical knowledge to writing, teaching, and the study of literature. (Fall, Spring)

**315. Special Studies in English.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A variable content course which treats subjects of special interest to students who are not studying English professionally. Recommended as an elective for those majoring in other disciplines and as an enrichment course for members of the community. The content will change from semester to semester and will be advertised in advance. Because the course is designed primarily as an elective for non-professionals, students majoring or minoring in English, or English Education may take the course only once. For all others, the course may be repeated for a total of six hours credit. (Summer, Fall, Spring)

**316. The Bible as Literature.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A study of writing from the Hebrew and New Testaments from a literary perspective. Emphasis on genres, continuities of theme, narratology, typology, and modes of interpretation will underscore the role of the Bible in shaping the imagination of writers to the present time. (As Needed)

**317. Folklore and Oral Literature.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Study of stories, poetry, song lyrics, and cultural performances created in local communities. (As Needed)

**321. Advanced Composition.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Principles and practice in writing academic expository prose, personal essays, and narrative forms for different audiences and purposes. Special attention to logical and rhetorical analysis, invention, organization, revision, and style. For students in all disciplines. (As Needed)

**322. Introduction to Professional and Technical Writing.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. An introduction to the genres of writing used in the technical and professional workplace, including memos, letters, instructions, directions, proposals, résumés, and short reports. (Summer, Fall, Spring)

**351. Early World Literature.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A study of world literatures and cultures, excluding the British Isles, through a reading of their Ancient, Medieval, and Renaissance texts in translation. (Fall)

**352. Modern World Literature.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A study of world literature in translation, excluding the U.S. and the British Isles, from the mid-seventeenth century to contemporary times. (Spring)

**369. Living Writers.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A survey of important living authors, including those connected to the Southeastern community. Class activities will include attending readings from visiting authors and sessions with writers-in-residence. (As Needed)

**370. Life Writing and Autobiography.** [LCCN: CENL 2513, Creative Writing (Various Genres)]. Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. An introductory course in life writing and autobiography. Intensive lectures on theory, principles and literary trends in the genre. Criticism of manuscripts through group meetings and individual conferences with instructor. (As Needed)

**371. Creative Writing: Poetry.** [LCCN: CENL 2513, Creative Writing (Various Genres)]. Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. An introductory course in writing poetry. Intensive lectures on poetical theory and technique. Criticism of manuscripts through group meetings and individual conferences with the instructor. (Fall, Spring)

**372. Creative Writing: Fiction.** [LCCN: CENL 2513, Creative Writing (Various Genres)]. Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. An introductory course in writing fiction. Intensive lectures on theory and technique of fiction writing. Criticism of manuscripts through group meetings and individual conferences with the instructor. (Fall, Spring)

**373. Film Criticism.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A study of the basic elements of film appreciation with detailed analysis of specific films. This course is cross-listed as COMM 373 and may be taken only once for credit. A laboratory fee is required for this course. (Fall)

**374. Literature and Film.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A study of the relationship between film and literature, especially but not exclusively the short story and the novel. A laboratory fee is required for this course. (Spring)

**380. Creative Writing: Drama.** [LCCN: CENL 2513, Creative Writing (Various Genres)]. Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A course in drama composition featuring lecture and workshop sessions dealing with one-act plays. Discussion given to related topics such as full length



plays and scriptwriting. Criticism of student manuscripts through group discussion and individual conference. (As Needed)

**392. Native American Literature.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A study of Native American myths, legends, and contemporary texts. (As Needed)

**395. Early American Literature.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. The major writers and their works from the Colonial Period to 1860. (Fall, Spring)

**396. American Literature Since 1860.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Representative writers with attention to trends and innovations in American literature. (Fall, Spring)

**413/508. The Development of the English Language.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Junior standing or permission of the Department Head. Study of Modern English in historical perspective. (As Needed)

**414/524. Introduction to Linguistics.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H (prior completion of ENGL 312 recommended). Junior standing or permission of the Department Head. Survey of major elements and schools of modern linguistics. Special attention to the applications of linguistic knowledge to writing, the teaching of first and second languages, and the study of literature. (Summer, Fall, Spring)

**415/525. Special Topics in English.** Credit 3 hours. Prerequisites: ENGL 210H, 230, 231, 232, 291H, 292H, 300, 301, 303, 310, 351, 352, 395, or 396, Junior standing or permission of the Department Head. A variable content course covering topics of special interest not similarly treated in existing courses. Intended primarily for English majors, but open to all students. May be repeated once for a total of six hours. (As Needed)

**426/526. The Adolescent Experience in Literature.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Emphasis on the thematic connections between adolescent literature and traditional literature from various literary perspectives. Particular focuses: aesthetic qualities, portrayal of adolescent developmental tasks, representation of adolescence in diverse cultural contexts, and application in middle and secondary English Classrooms. This course is recommended for English majors in the teacher licensure program. (As Needed)

**428/528. African American Literature Since 1900.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. A study of African American literature since 1900 with special attention to critical and historical contexts. (As Needed)

**429/527. Gender Studies and Literature.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Representations of gender and sexuality in literature. Readings in identity construction and gender epistemology, as well as feminist philosophy and scholarship. (As Needed)

**430/530. Restoration and Eighteenth Century British Literature.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Literature from 1660 to 1800; representative authors and their works. (As Needed)

**435/535. Shakespeare: Comedies and Romances.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. A close reading of selected comedies and romances as drama, as literature, and as documents of Elizabethan culture. (Spring)

**436/536. Shakespeare: Tragedies and Histories.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. A close reading of selected tragedies and histories as drama, as literature, and as documents of Elizabethan culture. (Fall)

**437/537. Major Periods in Drama.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Study of dramatic literature in one important period, such as Restoration/18th Century England, or contemporary Africa. A variable content course. May be repeated once if content is different. (As Needed)

**438/538. Interdisciplinary Approaches to Literature.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Introduction to interdisciplinary

approaches through the study of selected texts. May be repeated once for credit if content is different. (As Needed)

**439/539. Louisiana Literature.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. A survey of the best and most representative writers from Louisiana. (As Needed)

**446/517. Independent Study in English.** Credit 3 hours. Prerequisites: ENGL 210H, 230, 231, 232, 291H, 292H, 300, 301, 303, 310, 351, 352, 395, or 396, Junior standing or permission of the Department Head. The course offers students an opportunity to engage in a creative, critical or reading project with an English professor of their choice. This course may be repeated for a total of six hours credit. (As Needed)

**447/518. Advanced Writing Workshop.** Credit 3 hours. Prerequisites: ENGL 102 or 122H or 124H, Junior standing or permission of the Department Head. For advanced undergraduate and new graduate students in all disciplines. Instruction, practice, and group-based support in planning, development, and completion of individualized writing projects. Possible individual emphases include such areas as academic research, creative nonfiction, professional/technical writing, theses, and writing for publication. (As Needed)

**448/548. Advanced Professional and Technical Writing.** Credit 3 hours. Prerequisites: ENGL 102 or 122H or 124H, Junior standing or permission of the Department Head. Designed for students in all disciplines. A practical study of writing for professional audiences, with emphasis on the genres specific to professional and technical writing (feasibility studies, proposals, reports, and professional correspondence). Individualized instruction and a choice of writing topics. (As Needed)

**449/549. History of the Book.** Credit 3 hours. Prerequisites: ENGL 102 or 122H or 124H and Junior standing or permission of the Department Head. Designed for students in all disciplines. A survey of the physical and cultural constructions of the book from tablet to World Wide Web; projects in analysis and creation of book design, both print and digital. (As Needed)

**455/555. Old English.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Study of the Old English language, with selected readings from the literature of the period. (As Needed)

**456/556. Medieval England.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Literature in the British Isles from the early Anglo-Saxon period to 1485. (As Needed)

**457/557. Early Modern Non-Dramatic Literature.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Non-dramatic English literature from 1485 to 1660; representative authors and their works. (As Needed)

**458/558. Major British Authors.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. A study of selected authors, singly or in small related groups, from 1660 to the present. A variable content course. May be repeated if content is different. (As Needed)

**459/559. Nineteenth Century British Literature.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Literature from the romantic movement in the late 18th Century to the turn of the century; representative authors and their works. (As Needed)

**465/565. Literary Criticism.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. An examination of the development of critical theories from classical times to the present, with an emphasis on the reading of the major texts; a study of the trends in twentieth century criticism and examples of their application. (As Needed)

**467/567. The Teaching of Writing.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H, Junior standing or permission of the Department Head. For prospective and returning teachers. Theory and methods for teaching writing. Emphasis on students' own writing development through hands-on creation of original teaching materials. Students gain practical experience by serving as

writing consultants for two hours per week in area schools and/or in the Southeastern Writing Center. Three hours lecture, and two hours of laboratory per week. (Fall, Spring)

**468/564. The Teaching of Literature.** Credit 3 hours. Prerequisites: Two literature courses in English at the 300/400-level, Junior standing or permission of Department Head. This course prepares English Education majors to become effective teachers of literature at the secondary level. Students will explore the methods and literary texts vital to a secondary school curriculum in Language Arts. Students will also develop teaching materials appropriate for use in the high school classroom. Significant field experiences will include educational interactions with students. One to two hours of laboratory per week. (Fall, Spring)

**471/522. Chaucer.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Readings from Chaucer's major works, chiefly *The Canterbury Tales*. (As Needed)

**472/523. Milton.** Credit 3 hours. Prerequisites: Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Critical study of Milton's major poetry and selections from the prose works. Emphasis on *Paradise Lost*. Consideration of religious and intellectual milieu. (As Needed)

**475/575. Contemporary Criticism.** Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Preparation for advanced study in English, including bibliographic and critical skills. Instruction in bibliography centers on basic literary research resources and methods, and instruction in literary criticism centers on contemporary theoretical methods. Successful completion of the course will give students preliminary grounding in the theoretical discourse and research methods for the field of literary studies. (As Needed)

**476/576. The Rhetorical Tradition.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A survey of key texts from the rhetorical tradition, from Plato to Derrida. An examination of the relevance of this tradition to students' needs as writers (including professional/technical and creative writers), as teachers of writing, and as students of literature and modes of public discourse. (As Needed)

**477/577. Foundations in Language and Literacy.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. Introduces students to the scholarship, research methods, instructional practices, and professional opportunities in the related disciplines of grammar and linguistics (including the teaching of English to speakers of other languages, or TESOL), composition and rhetoric, and literacy studies. Successful completion of the course will give students preliminary grounding in these areas needed to pursue graduate course work in the Language and Literacy concentration and to pursue meaningful careers in the disciplines following graduation. (As Needed)

**482/582. Intermediate Poetry Workshop.** Credit 3 hours. Prerequisite: ENGL 371 or permission of the Department Head. Writing of poetry of literary quality and intermediate study of poetry theory and technique with emphasized study of contemporary poetry. Intensive discussion of student manuscripts in group meetings and in conferences with instructor. May be repeated once for credit. (As Needed)

**483/583. Intermediate Fiction Workshop.** Credit 3 hours. Prerequisite: ENGL 372 or permission of the Department Head. Writing of fiction of literary quality and intermediate study of technique and theory of fiction writing with emphasized study of contemporary fiction. Intensive discussion of student manuscripts in group meetings and in conferences with instructor. May be repeated once for credit. (As Needed)

**484/584. Topics in Creative Writing.** Credit 3 hours. Prerequisites: ENGL 370, 371, or 372 depending on corresponding genre of special topic, Junior standing or permission of Department Head. A variable genre creative writing course emphasizing writing of literary quality in a specific genre such as poetry, fiction, drama, or new and hybrid forms. Intermediate study of technique and theory as appropriate to the genre. Intensive discussion of student manuscripts in group meetings and in conferences with instructor. May be repeated once for credit. (As Needed)

**485/585. Foundations in Professional Writing and Publishing Studies.** Credit 3 hours. Prerequisite: Junior standing, ENGL 322, or permission of the Department Head. Designed to introduce students to the theoretical issues, bibliographic skills and essential softwares fundamental of advanced study of Professional Writing and Publishing Studies. Direct experience with the

production of both traditional and online materials; emphasis on digital print and Web resources. (As Needed)

**486/586. Document Production and Design.** Credit 3 hours. Prerequisite: Junior standing, ENGL 322, or permission of the Department Head. Designed for students from all disciplines. A study of documents, both printed and electronic. Emphasis on visual rhetoric, desktop publishing, hypertext, web page authoring, and electronic presentations. Individualized instruction and assignments relevant to students' needs and interests. (As Needed)

**487/587. Major World Authors.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. A study of selected authors, singly or in small related groups, from the ancient periods to the present. A variable content course. May be repeated if content is different. (As Needed)

**488/588. Modernism.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Representative writers from the 1890s to 1945 with attention to trends and innovations in the major literary genres. (As Needed)

**489/589. Postmodern and Contemporary Literature.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. World, and/or American, and /or British literatures' representative writers from 1945 into the 21st Century with attention to trends and innovations in the major literary genres. A variable content course. May be repeated if content is different. (As Needed)

**490/590. Nineteenth Century American Literature.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. A study of works organized to highlight the intellectual grounds of selected literary movements (e.g., transcendentalism, romance, realism), the aesthetic principles of major genres (novel, poetry, essay), or the literary interactions of authors whose work led intellectual, cultural, and/or aesthetic innovation. (As Needed)

**491/591. Major American Authors.** Credit 3 hours. Prerequisites: ENGL 300 and at least one of the following: ENGL 210H, 230, 231, 232, 291H, 292H, 301, 303, 310, 351, 352, 395 or 396; Junior standing or permission of the Department Head. Study of selected authors, singly or in small related groups, from the colonial period to the present. A variable content course. May be repeated if content is different. (As Needed)

**492/592. Introduction to Literary and Technical Editing.** Credit 3 hours. Prerequisites: ENGL 102 or 122H or 124H and Junior standing or permission of the Department Head. This workshop class will acquaint students with current literary and technical editing and publishing practices, including online publishing. Students will practice editing texts to make the texts readable and conform to the norms of professional editing. Students will also have some chance to design, lay out, and produce small publications in print and online, utilizing professional software. (As Needed)

**493/593. Practicum in Humanities Print Publishing.** Credit 3 hours. Prerequisite: ENGL 492/592 or COMM 341; or permission of the Department Head. Advanced application of editorial, design, and production skills to a major print humanities publishing project, such as a journal, magazine, chapbook, book, etc., from manuscript acquisition to printed product. Students develop design and advanced editing abilities along with professional facility with industry-standard publishing software. (As Needed)

**494/594. Publishing in Digital Humanities.** Credit 3 hours. Prerequisites: ENGL 102 or 122H and junior standing or permission of Department Head. Designed for students in all disciplines. A workshop course in publishing digital texts, principally online. Theoretical readings on digital forms of the book; HTML, XML/TEI, and creation of digital texts using industry-standard web design software; analysis of emerging trends and platforms in digital publication. (As Needed)

**495/595. Internship.** Credit 3 hours. Prerequisites: Junior standing and permission of Department Head. Supervised field experience in English with local, state, national, and international businesses, agencies, institutions (including colleges and universities), and organizations. This internship will allow students to utilize skills learned in the classroom and hone them in a modern workplace. Students will work with the internship supervisor to secure their own internships. All internship students will meet occasionally (either face to face or online ) during the semester to examine issues associated with the experience. May be repeated for up to 6 hours. (As Needed)

**499/599. Publishing Studies Workshop.** Credit 3 hours. A service-learning course that creates teams of students drawn from the disciplines of Art, Communication, Computer Science, and English; these students complete complex projects for real-world clients from planning to implementation, using current software and a dedicated server. Student team roles will include print and web design, data coding, database and server management. Students will also read and respond to current discussions of workplace practices in publishing. One hour of lecture and three hours of lab weekly. A laboratory fee is required for this course. (As Needed)

**600. Studies in Medieval Literature.** Credit 3 hours. In-depth study of selected works of medieval literature. A variable content course. May be taken twice if content is different. (As Needed)

**601. Studies in Early Modern Literature.** Credit 3 hours. In-depth study of selected works from the British Isles during the early modern period. A variable content course. May be taken twice if content is different. (As Needed)

**606. Studies in British Literature.** Credit 3 hours. In-depth study of selected works of British literature excluding the medieval and early modern periods. A variable content course. May be taken twice if content is different. (As Needed)

**610. Studies in Performance.** Credit 3 hours. In-depth study of selected works of drama, film, and/or related performance arts. A variable content course. May be taken twice if content is different. A laboratory fee is required for this course. (As Needed)

**617. Studies in World Literature.** Credit 3 hours. In-depth study of selected works of world literature. A variable content course. May be taken twice if content is different. (As Needed)

**620. Studies in Language and Literacy.** Credit 3 hours. A variable content course in composition, rhetoric, literacy studies, or linguistics. May be repeated if content is different. (As Needed)

**621. Studies in English Education.** Credit 3 hours. In-depth study of issues in English Education. A variable content course. May be taken twice if content is different. (As Needed)

**630. Studies in American Literature.** Credit 3 hours. A variable content course in American literature. Emphases may include literary movements, authors, genres, themes. May be taken twice if content is different. (As Needed)

**632. Modern Literary Criticism.** Credit 3 hours. The methods used and the philosophies reflected in modern criticism; trends and issues in interpretation; reading and writing critical essays. Course may be repeated for credit once if content is different. (As Needed)

**645. Creative Writing Workshop.** Credit 3 hours. Theories and methods of Creative Writing. Includes workshop discussion of student work. May be repeated once. (As Needed)

**646. Workshop in the Teaching of Writing.** Credit 3 hours. A variable content course in the teaching of writing. Advanced work in composition theory, research, and practice, with emphasis on students' writing and on instructional applications. Permission required when offered as part of the Southeast Louisiana Writing Project. May be repeated for credit if content is different. (As Needed)

**648. Graduate Studies Seminar.** Credit 3 hours. Intensive writing focused on promoting knowledge of the discipline of English studies, the various genres and forms of writing appropriate to Graduate Study in English, and training in advanced critical reading of literary scholarship and literary history. (As Needed)

**651. Studies in Professional Writing.** Credit 3 hours. In-depth study of selected works and methods of Professional Writing. A variable content course. May be taken twice if content is different. (As Needed)

**652. Studies in Publishing.** Credit 3 hours. In-depth study of selected topics in publishing. A variable-content course. May be taken twice if content is different. (As Needed)

**770. Thesis Research and Thesis.** Credit 1-6 hours each semester, with 6 hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. (As Needed)

## English for International Students (EGIS)

**97. English Grammar and Conversation.** Credit 3 hours. An intensive elementary-intermediate level English language course for students whose native language is not English. This course is designed to prepare students for entry into the required English sequence. The approach is communicative, involving grammar study, oral exercises, dialogues, and role playing. All four language skills (listening, speaking, reading, and writing) are developed. This course is not accepted

for credit toward graduation. Students will be graded on the basis of Pass (P) or Unsatisfactory (U). A laboratory fee is required for this course. (As Needed)

**98. Reading.** Credit 3 hours. This is a reading course designed to help develop comprehension skills in English, including identification, differentiation, and sequencing of main ideas, supporting ideas and details. Particular stress is given to imparting strategies that enable students to understand the overall meaning of an authentic text even when they are unfamiliar with some of the works and structures. An important goal for the students in the course is to transfer the reading skills they already have in their native language to reading in English. This course is not accepted for credit toward graduation, students will be graded on the basis of Pass (P) or Unsatisfactory (U). A laboratory fee is required for this course. (As Needed)

**107. Introduction to Academic Writing.** Credit 3 hours. Prerequisite: A grade of P in EGIS 98 or permission of the Department Head. Designed to help non-native speakers improve writing skills. Concentrates on interdisciplinary writing practice and vocabulary study to prepare students for freshman composition, and other college courses. A laboratory fee is required for this course. (As Needed)

**108. Advanced Grammar and TOEFL Preparation.** Credit 3 hours. Prerequisite: Completion of EGIS 107 or permission of the Department Head. Advanced grammar review and listening skills development for foreign graduate and undergraduate students who must pass the TOEFL. A laboratory fee is required for this course. (As Needed)

## Engineering Technology (ET)

**100. Introduction to Engineering Technology.** Credit 3 hours. Introduction to a broad range of engineering technology topics and fields, such as mechanical design, engineering materials, machining, computers and programming, data analysis and graphing, robotics, and communications, discussion includes the roles, duties, responsibilities, professional ethics, professionalism, fundamental skills and knowledge required of engineering technologists. (Fall, Spring)

**111. Engineering Graphics.** Credit 3 hours. Topics covered include applied geometry, vectors, space, freehand sketching, orthographic projection, two-dimensional renderings with AUTOCAD, sectioning, dimensioning, and 3-D modeling body as well as assembling design using SolidWorks. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**132. Construction Materials and Methods.** Credit 3 hours. A study of the behaviors and performance of building materials and assemblies, as well as construction standards and constraints. Emphasis is placed on the understanding of the advanced engineering aspects of specific materials and assemblies used in commercial and industrial structures. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**202. Computer Applications.** Credit 3 hours. Prerequisite: MATH 165. Introduction to the MATLAB programming environment including data types, graphics, functions, inputs/outputs, text processing, plotting functions, reading and writing data files, and case studies using MATLAB and SIMULINK Toolboxes. (Summer, Fall)

**205. Mathematical Methods for Engineering.** Credit 3 hours. Prerequisite: MATH 200. A course on post-calculus mathematical techniques and methods specifically designed for engineering technologists. Topics include applied differential equations, matrices, determinants, statistics and probability. (Fall, Spring)

**212. Introduction to Programming.** Credit 3 hours. Prerequisite: MATH 165. An introductory programming course in C. Topics include hardware/software and fundamentals of problem solving and algorithm development including data types, computation, simple input/output, selection and repetition, functions, and arrays. (Fall)

**213. Electrical Circuits.** Credit 3 hours. Prerequisite: MATH 165. A study of the fundamentals of electrical equipment and installations related to engineering technology. Topics include DC and AC power, electrical measurements, print reading, electrical wiring, application of network laws and theorems, nodal and mesh analysis for passive RLC circuits, transformers and polyphase circuits, illumination, heating, wiring codes and specifications. A laboratory fee is required for this course. (Summer, Spring)

**214. Electrical Circuits II.** Credit 3 hours. Prerequisite: ET 213. Sinusoidal steady state analysis, AC power analysis, three-phase circuits, Laplace transform and its application to circuit analysis,

network functions, frequency response, magnetically coupled circuits and transformers. A laboratory fee is required for this course. (Fall)

**221. Programming for Technologists.** Credit 3 hours. Prerequisite: ET 212. An introduction to object oriented computer programming, data structures, basic algorithms, and basic elements of software engineering. Program coding using a high level language such as C++ or similar. (Spring)

**225. Electronics I.** Credit 3 hours. Prerequisite: ET 213. Introduction to electronics including characteristics and applications of diodes, transistors (BJT and FET), logic gates, digital and analog integrated circuits, operational amplifiers, and active circuits using op amps as well as concepts of power electronics including inverters and converters. Analysis and design of analog electronic circuits involving rectifiers, amplifiers, oscillators and other components will also be discussed. A laboratory fee is required for this course. (Fall)

**226. Electronics II.** Credit 3 hours. Prerequisite: ET 225. Review of semiconductors, diode theory and circuits, and BJT transistors. Introduction to transistor biasing, AC models, voltage amplifiers, CC and CB amplifiers, JFETS, Thyristors, differential amplifiers, operational amplifiers and circuits. A laboratory fee is required for this course. (Spring)

**231. Surveying I.** Credit 3 hours. Prerequisite: ET 100. Engineering principles and practices of surveying applied to instrumentation, computation, and construction site layout dealing with both commercial and residential construction. Two hours of lecture and two hours laboratory per week. A laboratory fee is required for this course. (Spring)

**232. Surveying II.** Credit 3 hours. Prerequisite: ET 231. Theory and supervised field practice in the layout of engineering and construction projects utilizing extensive surveying principles, applied science, mathematics, legal implications and computer applications. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**234. Concrete and Masonry Design.** Credit 3 hours. Prerequisites: ET 132 and ET 271. Discussion about materials, methods, constructability, equipment, drawings and specifications related to reinforced concrete and masonry structural elements such as beams, girders, slabs, post tension slabs, and columns in accordance with current ACI codes and standards. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**241. Introduction to Engineering Materials.** Credit 3 hours. Prerequisite: MATH 162 or MATH 165. An introduction to engineering materials with focus on mechanical behaviors of materials, material properties, industrial applications, limitation and selection of materials. Topics include atomic structure and bonds, stress and strain analysis, engineering structures, environmental consideration, limitations and failures, and properties testing and measurement of materials. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall)

**244. Construction Regulations, Contracts, and Specifications.** Credit 3 hours. Prerequisite: ET 132. A study of codes and specifications required by municipality, counties/parishes, and states as well as construction contracts and professional ethics. Topics include contractual relationships amongst construction parties, types of agreements, worker's compensation, insurance, and ethics in construction. (Fall)

**271. Engineering Statics.** Credit 3 hours. Prerequisites: MATH 165 and PHYS 191. This course uses vector methods for the study of force, coupled and equivalent force systems, equilibrium of particles and rigid bodies, centroids, centers of gravity, moments of inertia, and virtual work. It includes analysis of simple structures such as trusses and beams, applications of dry friction models to belts and wedges and the method of virtual work. A laboratory fee is required for this course. (Summer, Spring)

**283. Manufacturing Processes.** Credit 3 hours. Prerequisite: ET 241. This course serves as an introduction to a broad range of traditional and non-traditional manufacturing processes. Topics include casting and solidification processes, forming and shaping processes, material removal processes, joining processes, special processing and assembly technologies, engineering metrology and instrumentation, and other aspects of manufacturing. A laboratory fee is required for this course. (Spring)

**305. Human Factors Engineering.** Credit 3 hours. Prerequisite: Junior standing. This course provides the student with a basic knowledge of human factors design principles and the nature of human interaction with their environment. The course introduces cognitive engineering, ergonomics, system design, and the nature of human performance in the workplace. (Fall, Spring)

**320. Microprocessors and Interfacing.** Credit 3 hours. Prerequisite: CMPS 297. An introduction to principles of microprocessor and microcontroller operation, CPU, memory, buses and I/O

interfaces. Topics include microcomputer-based system design, Windows programming, and interfacing. This course includes a design project. A laboratory fee is required for this course. (Spring)

**331. Commercial Construction Estimating I.** Credit 3 hours. Prerequisite: ET 132.

Fundamentals of construction estimating procedures, with analysis of light commercial construction prints and specifications to determine the quantity of materials, labor, equipment and overhead as well as profit as it relates to the bidding process. The use of traditional estimating practices and current computer software for the development of construction bids will also be discussed. (Spring)

**332. Commercial Construction Estimating II.** Credit 3 hours. Prerequisite: ET 331. An

advanced study of heavy construction estimating for commercial, civil, and industrial construction projects. Includes advanced mathematics to solve conceptual problems that determine the unit price, labor cost, detailed estimating, overhead allocation, bidding strategies, and bid formula. Also includes use of latest estimating software for the development of construction bids for simulated projects. (Fall)

**336. Steel Design.** Credit 3 hours. Prerequisite: ET 132 and ET 271. The application of principles of strength of materials to the design and analysis of structural steel beams, columns, trusses and frames, as well as connection and base plates in accordance with current AISC specifications. (Spring)

**341. Electromagnetics.** Credit 3 hours. Prerequisite: ET 214. Introductory course on electromagnetic. Topics covered: fundamental concepts and applications of Maxwell equations including static electric, magnetic fields, dielectric and ferromagnetic materials using Laplace's equation. A laboratory fee is required for this course. (As Needed)

**353. Total Quality Management.** Credit 3 hours. Prerequisite: IT 407. This course provides students with an understanding of managing a total quality environment to improve quality, reduce costs and improve productivity. Emphasis is placed on the management, creation, organization, and evaluation of quality systems necessary to assure organizational and functional compliance with stated quality system requirements of national and international standards. (Spring)

**355. Management of Technical Organizations.** Credit 3 hours. Prerequisite: MATH 165. An introduction to industrial management principles. It covers topics in organizational, such as organizational strategy and conflict management; in technology management; such as technology transfer and new product development, and in human resources management, such as labor relations and legislation. (As Needed)

**357. Auto Identification and Data Capture.** Credit 3 hours. Prerequisite: CMPS 173. This course provides the students with an understanding of different auto identification and data capture technologies and their applications in manufacturing and distribution industries. Topics include bar coding, radio frequency identification, magnetic stripe, voice data entry, radio data terminals, and optical character recognition. (Fall)

**361. Solar Thermal Systems.** Credit 3 hours. Prerequisites: PHYS 191 and MATH 200. An introduction to solar thermal systems and their applications. Topics include solar radiation, solar thermal materials, solar thermal collectors, solar energy storage, solar cooling, solar thermal power systems, solar thermal efficiency evaluation, and economics of solar thermal systems. (Spring)

**363. Photovoltaics.** Credit 3 hours. Prerequisite: ET 225 or permission of Department Head. An introduction to photovoltaic systems and their applications. Topics include fundamentals of solar radiation, design and construction of solar cells, and basics of semiconductor devices and circuits. The course will also discuss analysis and design of photovoltaic systems including photovoltaic modules, battery, inverters, charge control method, grid integration, and economic impact will also be discussed. (Spring)

**365. Power Electronics.** Credit 3 hours. Prerequisite: ET 226. An introduction to power electronic devices, circuits, and their applications. Topics include characteristics and analysis of power semiconductor devices, rectifier and switching power supply circuits, AC/DC, DC/AC converters, and computer modeling and simulation. (Fall)

**371. Engineering Dynamics.** Credit 3 hours. Prerequisite: ET 205 or permission of Department Head. This course uses vector methods for the study of two-dimensional as well as three-dimensional kinematics and kinetics of particles, systems of particles, and rigid bodies. Topics include equations of motion, conservation of energy and momentum, principles of linear impulse and momentum, work and energy methods. A laboratory fee is required for this course. (Spring)

**375. Applied Thermodynamics.** Credit 3 hours. Prerequisites: MATH 200 and PHYS 191. An introduction to the fundamentals of gas concepts. gas measuring devices, and calibration of measuring instruments. Topics also include vapor and gas cycles, ideal gas mixtures, reading of psychometric charts, determining fuel combustion efficiency of steam generating systems such as



boilers and measuring of analyzing humid air and steam conditions including heat content. Basic concepts of Rankine cycle as the basis for steam and heat engine operations will also be introduced. (Fall)

**376. Applied Fluid Mechanics.** Credit 3 hours. Prerequisite: ET 205. This course provides a comprehensive introduction to the basics of fluids and fluid mechanics as well as applications in engineering and science. Topics include fluid statics and dynamics, fluid energy and flow measuring devices, fluid components and systems. (Fall)

**381. Strength of Materials.** Credit 3 hours. Prerequisites: ET 241 and ET 271. This course covers advanced topics in analysis of engineering materials and design of mechanical systems. Main focus will be given to mechanical behavior and mechanics of engineering materials, including fracture and failure as well as strength analysis. Traditional methods and Finite Element Modeling and Analysis (FEM/FEA) are used. A laboratory fee is required for this course. (Fall)

**385. Mechanical Design.** Credit 3 hours. Prerequisites: ET 381. This course covers kinematic analysis and design of mechanisms, analysis of machine elements in terms of mechanical behavior of materials, stress concentration, combined stresses, fracture, and fatigue. A laboratory fee is required for this course. (Spring)

**386. Machines and Controls.** Credit 3 hours. Prerequisite: ET 213. An introductory control and instrumentation course applied to machine control. Topics include electrical measurements and instrumentation, motors and generators and their control, feedback control systems, and programmable logic controllers. A laboratory fee is required for this course. (Fall)

**390. Engineering Economics.** Credit 3 hours. Prerequisite: Junior standing. This course provides basic economic knowledge for analyzing financial performance of engineering projects. It includes the study of design economics, time value of money, depreciation, taxes, capitalization and amortization, replacement analysis, and risk analysis techniques. (Fall, Spring)

**400. Internship.** Credit 1-6 hours. Prerequisites: Junior or Senior standing and permission of the Department Head. Student must be an integral part of an engineering project team in industry during the semester. Graded as Pass/Fail only. Can be counted as technical elective only. (As Needed)

**409. Special Topics.** Credit 3 hours. Prerequisite: Permission of Department Head. Organized class or individual instruction on topics that are appropriate for the Engineering Technology program. May be repeated when topics vary for a maximum of 6 credit hours. (As Needed)

**410. Signals and Systems.** Credit 3 hours. Prerequisite: ET 205 or permission of Department Head. This course covers signal and system analysis. Topics include analysis techniques for signals and systems in both continuous and discrete time, signal representation using Fourier series and transforms, Convolution, sampling and Z-transforms, Laplace transform methods, system definitions and properties. (Fall)

**425. Control and Automation.** Credit 3 hours. Prerequisites: ET 205 and 410 or permission of Department Head. This course covers control systems analysis and design. Topics include time and frequency domain modeling and response, actuators and sensors for controlling programmable logic controllers, design of compensators, and use Matlab for control system analysis. A laboratory fee is required for this course. (Spring)

**431. Power Transmission and Distribution.** Credit 3 hours. Prerequisites: ET 213 and ET 435 or permission of Department Head. This course introduces fundamental concepts and systems related to generation, transmission, and distribution of AC and DC electrical power. Modeling and analysis of polyphase circuits, generators, motors, and transmission lines will be discussed. (Fall)

**433. Wind Turbines.** Credit 3 hours. Prerequisites: MATH 200 and PHYS 191 or permission of Department Head. This course discusses fundamental concepts, technologies, applications, impacts, and economics of wind turbines. Topics include physical principles of wind energy conversion, wind blade and rotor aerodynamics, tower design, mechanical drive train, electrical and control systems, installation and maintenance, environmental issues, and costs of wind turbines. (Fall)

**434. Geothermal Systems.** Credit 3 hours. Prerequisite: Senior Standing. An overview of different types of geothermal systems. Topics include characteristics of geothermal systems, system components, geothermal resources and exploration, scope of geothermal projects, preliminary survey and well testing, direct use of geothermal heat and indirect use for electricity generation, and related legal aspects. (As Needed)

**435. Electrical Machines.** Credit 3 hours. Prerequisite: ET 213. An introduction to electrical machines and their applications. Topics include fundamentals of electricity and magnetism, energy and power, transformers, AC and DC generators, AC and DC motors, and motor drives. (As Needed)

**436. Fluid Dynamics & Hydrodynamic Machinery.** Credit 3 hours. Prerequisites: PHYS 191 and MATH 200. An introduction to hydrodynamic machines. Topics include fundamentals of fluid mechanics, momentum transfer and rotor dynamics, rotodynamic machines, and positive displacement machines such as turbines, pumps, fans, and compressors. (As Needed)

**441. Construction Planning and Scheduling.** Credit 3 hours. Prerequisite: ET 100. An introduction to the methods and procedures used in planning and scheduling commercial construction projects. Topics include critical path methods (CPM), program evaluation and review techniques (PERT), and PRIMAVERA. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Spring)

**442. Construction Inspection.** Credit 3 hours. Prerequisite: ET 132. This course discusses construction inspection, functions, responsibilities, authority and technical requirements related to construction industry. (Spring)

**443. Foundation and Soil Mechanics.** Credit 3 hours. Prerequisites: ET 132, and ET 271. This course covers theory and application of soil properties, selection and methods of installation of foundations and other soil supported structures, including footings, piles, caissons, and retaining structures. (Spring)

**445. Commercial Architecture.** Credit 3 hours. Prerequisite: ET 132. Analysis and solution to basic problems in the design and construction of small commercial properties using a variety of materials and methods of construction. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**446. Construction Systems.** Credit 3 hours. Prerequisite: ET 244. A study of the economic and functional application of construction equipment including the types of equipment, ownership and operational costs as well as equipment scheduling and selection. Design, installation, and operation of materials and equipment in the HVAC and plumbing systems for residential and commercial construction with also be discussed. (As Needed)

**448. Construction Hydraulics.** Credit 3 hours. Prerequisites: PHYS 191 and MATH 200. A study of physical phenomena of hydraulics and hydraulic forces with application of fundamental laws and empirical formula. Pressures and forces on submerged areas, buoyancy, flow in a closed conduit, open channels, and fluid measurements will also be discussed. (As Needed)

**463. Cost Estimating.** Credit 3 hours. Prerequisites: ET 390 and IT 406 or permission of Department Head. A study of the fundamentals of cost estimating for labor, materials, and overhead for products, projects, operations, and systems. The concepts of internal and external cost estimating, types of costs, ethics, budgets, and profits will also be discussed. (Fall)

**465. Industrial Simulation and Modeling.** Credit 3 hours. Prerequisite: IT 406. This course introduces computer simulation methods and techniques used for analysis of manufacturing and service operations encountered in manufacturing industries. Topics include industrial simulation software, data analysis, optimization and how to simulate a complex system. (As Needed)

**475. National Electrical Code.** Credit 3 hours. Prerequisites: ET 214 and Senior standing. An introductory study of current electrical code requirements using NFPA 70 National Electrical Code. Topics include study of electrical safety requirements with emphasis on wiring designs and methods, over-current protection, selection of material and equipment for general use, and basic calculations. (As Needed)

**478. HVAC.** Credit 3 hours. Prerequisites: ET 375 and ET 386. An introduction to HVAC (heating, ventilating, and air conditioning). Topics include heat transfer devices, AC motors and compressors, residential and commercial refrigeration and heating, heat load calculation, and HVAC system layout and control. (Spring)

**480. Advanced Strength of Materials.** Credit 3 hours. Prerequisites: ET 271 and ET 381. A study of advanced topics of stress/strain analysis using Finite Element Method (FEM) with application to machine design. Topics include mechanical behaviors of materials and structures subjected to various loading conditions, such as tension, compression, torsion, and flexure. Deflection of prismatic members, columns, and combined stresses will be discussed. (As Needed)

**484. Advanced Manufacturing Technologies.** Credit 3 hours. Prerequisite: ET 283 or permission of Department Head. This course covers advanced and non-traditional manufacturing processes, such as the application of lasers and other modern methods in manufacturing processes, high speed machining technologies, advanced treatment of metal forming processes, and particulate material processing. Students are required to participate in research and development of a specific manufacturing area of particulate material processing. Students are required to participate in research and development of a specific manufacturing area of interest. (As Needed)

**488. Robotics and Automation.** Credit 3 hours. Co-requisite: ET 386. An introduction to robotics and automation. Topics include manipulators and mobile robotics, actuators and sensors, industrial control systems, and robot and system integration. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**490. Seminar.** Credit 1 hour. Prerequisite: Senior standing. Discussion of social, ethical, and professional issues. Presentations and research on topics of current interest in engineering and technology. Grades assigned on a Pass/Fail basis only. (Fall, Spring)

**492. Project Management.** Credit 3 hours. Prerequisite: Junior standing. This course covers the principles of project management for technologists and the use of project management software. Topics include the concepts involved in review techniques, network modeling, and the critical path method. In addition, linear programming and network optimization models with application to solve project management problems will be discussed. (Summer, Fall)

**493. Senior Design I.** Credit 3 hours. Co-requisites: ET 492 and Senior standing. This course is the first part of the Capstone Design Project. It covers engineering ethics, teamwork and leadership, problem solving, oral and written technical communication, project management, and the integration of ET with real-world examples such as case studies in computer systems, robots, and mechatronics. All team projects are subject to instructor's approval. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**494. Senior Design II.** Credit 3 hours. Prerequisites: ET 493 and Senior standing. This course is the second part of the Capstone Design Project. It builds on and extends the themes covered in ET 493, culminating in a written Capstone Design Project and an oral presentation to the ET faculty and students at the end of the semester. The capstone project can take a variety of forms, such as analytical, computational, design-based, or experimental. Social, ethical, and professional issues as well as research on topics of current interest in engineering and technology will also be discussed. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

## Family and Consumer Sciences (FCS)

**100. Foundations of Family and Consumer Sciences.** Credit 1 hour. A study of the field of Family and Consumer Sciences, including its history and mission; role in meeting the needs of individuals and families across the lifespan; and the development of individual plans for education and career within business, education, social services, and health care. (Fall, Spring)

**120. Evaluation of Ready-to-Wear Fashion.** Credit 3 hours. Analysis of the quality of materials, design, and construction of ready-to-wear garments and accessories. Principles of garment construction, manufacturing processes, and quality standards in the ready-to-wear industry. (Fall, Spring)

**205. Fashion Merchandising Fundamentals.** Credit 3 hours. Overview of the fundamentals of the business of fashion. Emphasis is placed on the organization and operation of the United States' textile industry including designing, manufacturing and marketing of textiles. (Fall, Spring)

**207. History of Dress and Adornment Through 1869.** Credit 3 hours. An examination of fashion history of western culture from early civilization through 1869. Emphasis is on research, critical thinking, and understanding relevance to current design. (Fall)

**242. Clothing and Human Behavior.** Credit 3 hours. An exploration of the cultural, social-psychological, aesthetic, and economic aspects of clothing and textiles. (Fall, Spring)

**251. Nutrition and Diet Therapy.** Credit 3 hours. Prerequisite: Nursing majors only. Principles of nutrition and their application in maintaining health and providing therapy during illness. Credit toward a degree can be given for only one beginning course in nutrition: FCS 251 or FCS 342. (Summer, Fall, Spring)

**252. Special Topics in Family and Consumer Sciences.** Credit 3 hours. Consideration of fundamental concepts within the various subject matter areas of family and consumer sciences related to living in a contemporary society. May be repeated for up to six hours. (As Needed)

**301. Textiles.** Credit 3 hours. A study of the basic physical, biological and chemical characteristics of fibers, yarns and fabrics including the selection, maintenance and performance of textiles. Field based experiences required. (Fall, Spring)

**302. Family and Individual Development Over the Lifespan.** Credit 3 hours. A study of how families and individuals function, with emphasis on family systems and interpersonal relationships over the lifespan. (Fall, Spring)

**304. Parenting: Issues and Education.** Credit 3 hours. Survey of contemporary issues in parenting, problems of parents, and methods and materials in education. (Summer, Fall, Spring)

**305. The Fashion Industry.** Credit 3 hours. An overview of the fashion business. Emphasis is placed on the organization and operation of the United States textiles and apparel industry, including the designing, manufacturing, marketing, and merchandising of fashion products. (Fall, Spring)

**307. History of Dress and Adornment 1870-Present.** Credit 3 hours. An examination of fashion history within western culture from 1870 to the present. Will include top designers of the current period. Emphasis is on research, critical thinking, and understanding relevance to current design. (Spring)

**308. Fatherhood.** Credit 3 hours. Exploration of the biological, cultural, and psychosocial roles of fathers across the lifespan. Emphasis on establishing, maintaining, and strengthening relationships between fathers and their children. (As Needed)

**314. Fashion Buying.** Credit 3 hours. An in-depth examination of fashion buying in relation to departmental budgets, market and economic statistics, consumer profiles, an analysis of store and departmental volume and profits, merchandise assortment planning, expenditure control, inventory management, and document travel expenditures. (Fall, Spring)

**320. Infant and Toddler Development.** Credit 3 hours. A study of infant and toddler growth and development from conception to age three with an emphasis on the relationships among the child and his/her family and society. (Fall, Spring)

**321. Child Development.** Credit 3 hours. Prerequisite: Sophomore standing. A study of the development of the child from prenatal life through five years. Emphasis on constructive methods of guidance. Two hours of lecture and two hours of laboratory a week. (Fall, Spring)

**322. Middle Childhood and Adolescent Development.** Credit 3 hours. Prerequisites: FCS 302 or 321 and Sophomore standing. Principles of development and guidance of children six years of age through adolescence. Emphasis on various aspects of growth and their interrelationship to family life and society. (Summer, Fall, Spring)

**324. Theory and Guidance of Play.** Credit 3 hours. Prerequisite: FCS 302. A study of the foundations of play theory, including the social, emotional, cognitive, and physical benefits of play for children and youth. (Fall)

**325. Introduction to Child Life.** Credit 3 hours. Prerequisites: FCS 302 and 321. A study of the child life profession, with emphasis on Child Life theoretical foundations, assessment, preparation, play, coping, and the role of Child Life within the healthcare setting. (As Needed)

**326. Child Life Practicum.** Credit 3 hours. Prerequisites: FCS 302 and 325, and a cumulative GPA of 3.0 or higher. Fifteen hours per week of individual learning experiences with patients, their families and the hospital personnel in various hospital settings under the supervision and direction of a Certified Child Life Specialist. (Fall)

**328. Child Life: Assessment, Preparation, and Therapeutic Play.** Credit 3 hours. Prerequisite: FCS 325. Advanced study of the assessment of the hospitalized child, focusing on therapeutic play skill development and pre-procedural preparation in a Pediatric setting. (Spring)

**342. Nutrition.** Credit 3 hours. The principles of normal nutrition and their application in daily life. Credit toward a degree can be given for only one beginning course in nutrition: FCS 251 or FCS 342. (Fall, Spring)

**345. Nutrition Through the Lifecycle.** Credit 3 hours. Prerequisite: FCS 251 or FCS 342. Nutritional needs and health concerns during different stages of life: preconception, pregnancy, lactation, infancy, childhood, adolescence, adulthood, and elderly. (Summer, Fall, Spring)

**346. Professional Development in Family and Consumer Sciences.** Credit 3 hours. Prerequisite: FCS majors or minors only. Introduction to the roles and responsibilities of professionals in the field of Family and Consumer Sciences with emphasis on the application of skills. (Fall, Spring)

**371. Family Finance and Consumer Education.** Credit 3 hours. Prerequisite: Junior standing or approval of the Department Head. A study of personal and family finance with emphasis on management in relation to goals and resources and the application of these principles to households. Consumer education concepts, resources, and programs. (Summer, Fall, Spring)

**390. Image Management and Styling.** Credit 3 hours. A study of the principles of image management and styling. Emphasis on developing a professional image assessment for a client. Field-based experiences are required. (As Needed)

**400. Independent Study.** Credit 3 hours. Prerequisites: FCS 346, Junior standing, submission of a proposal for study, and permission of the instructor and the Department Head. An in-depth study of topics appropriate to Family and Consumer Sciences. Student works with an instructor on a one-to-

one basis. May be repeated up to 6 hours credit. New materials are investigated in each repeat. (As Needed)

**409. Fashion Marketing and Research.** Credit 3 hours. A study of fashion marketing principles by which products and services are designed to meet customer needs as priced, promoted, and distributed to the end user. Focus will be placed on research and the application of fashion marketing principles to a wide range of consumers, both internal and external. (Fall, Spring)

**411. Nutrition and Lifestyle Diseases.** Credit 3 hours. Prerequisite: FCS 251 or 342. The role of nutrition in the prevention and treatment of lifestyle diseases. (Fall, Spring)

**412. Family Stress and Coping.** Credit 3 hours. Prerequisite: FCS 302. The study of family functioning and resiliency during times of normal and non-normative stress. (Fall, Spring)

**420. Advanced Fashion Merchandising.** Credit 3 hours. Prerequisite: FCS 205. An overview of retail merchandising and the tools necessary to compete in this ever competitive environment with the goal of being able to satisfy customer needs. Focus will also be placed on considerable amounts of qualitative information that skilled merchants use in planning their investment dollars, application of real life buying practices and techniques, an examination of consumer behavior, and present and future economic trends. (Summer, Fall, Spring)

**421. Weight Management Principles.** Credit 3 hours. Prerequisite: FCS 251 or 342. Applications of the principles of weight management with emphasis on diet, exercise, and behavior modification. (Spring)

**424. Nutrition for Sport and Fitness.** Credit 3 hours. Prerequisite: FCS 251 or 342. An advanced study of nutrition as it relates to health, fitness, and athletic performance with an emphasis on nutrition before, during, and after sports-related activities and competitions. (Summer, Fall, Spring)

**425. Nutrition Presentations and Demonstrations.** Credit 3 hours. Prerequisites: COMM 210 or 211, and FCS 251 or 342. A study of organization, development, delivery, and evaluation of effective presentations and demonstrations in the field of nutrition. Food safety practices, basic cooking techniques, terms, and utensils will be addressed. (Fall, Spring)

**426. Food Principles and Preparation.** Credit 3 hours. Prerequisites: FCS 224 or 251 or 342, and COMM 210 or 211. Application of food preparation and meal planning principles, with an emphasis on nutrition and health. (Fall, Spring)

**430. Current Trends in Family and Social Policy.** Credit 3 hours. Prerequisite: FCS 302. The study of the current state of the family, family trends, and the implications for family policy with emphasis on the process of policy formation, implementation, and evaluation. (Fall, Spring)

**431. Experimental Food Science.** Credit 3 hours. Prerequisites: CHEM 101 or CHEM 121 and Junior standing. Scientific investigations of special problems related to food preparation. One hour of lecture and four hours of laboratory a week. (As Needed)

**433. Current Trends and Issues in Nutrition.** Credit 3 hours. Prerequisite: FCS 224 or 251, or 342. A study of current trends and issues in the field of food and nutrition and how they apply to normal diets. (Fall, Spring)

**441. Family Relations.** Credit 3 hours. Prerequisite: Junior standing or approval of the Department Head. A study of family cycles, relationships within families, and the personal and social factors which affect family relations. A laboratory fee is required for this course. (Summer, Fall, Spring)

**442/542. Special Topics in Family and Consumer Sciences.** Credit 3 hours. Prerequisite: 18 semester hours in family and consumer sciences or departmental approval. Individual or group study of selected topics within the discipline of family and consumer sciences. May be repeated for up to 6 hours credit. (As Needed)

**445. Family Life Education.** Credit 3 hours. Prerequisites: FCS 302, 321, 346, 441, PSYC 220 or SW 360, and FCS Majors only. The study of the roles and responsibilities of family life education methodology including principles and practice for effective outreach. (Fall, Spring)

**448. Communication, Aging and Social Interaction.** Credit 3 hours. Prerequisite: FCS 302 or permission of Department Head. Current understanding of the role of language and communication in social, cultural, and family dynamics across the lifespan. In particular, students will consider issues that may arise due to communication breakdown when interacting with older adults within the social, family, workplace, and healthcare settings. Students will be required to complete a capstone project based on their particular area of study. (Fall, Spring)

**460/560. Housing, Equipment, and Organization in Nursery School Education.** Credit 3 hours. Prerequisites: FCS 321 and Junior standing. Objectives and organization of nursery school and child care centers with emphasis on program planning, selection and use of materials and

equipment, individual projects, reports and discussions. Three hours of lecture with observation and participation in the nursery school. (As Needed)

**475. Family Resource Management.** Credit 3 hours. A study of the decisions individuals and families make about developing and allocating resources including time, money, material assets, energy, friends, neighbors, and space, to meet their goals. (Fall, Spring)

**480. Family and Consumer Sciences Study Tour.** Credit 3 hours. Focus will include field study options with both pre-program and post-program class meetings. Can be repeated for up to nine hours of credit with approval of Department Head. (As Needed)

**481. Fashion Promotion.** Credit 3 hours. Application of the principles of fashion coordination and promotion. Two hours of lecture and two hours of laboratory. (Spring)

**487. Field Experience in Human Development and Family Studies.** Credit 3-12 hours. Prerequisites, FCS 302, FCS 346, FCS Major, a cumulative GPA of 2.0 or higher, and permission of the Department Head. Credit hours to be decided by agreement between the Department Head and the student. Understanding the practice, administration and promotion of the principles of human development and family studies through supervised work experience. This course may be repeated for a total of 12 credit hours. (As Needed)

**488. Field Experience in Nutrition Education and Promotion.** Credit 3 hours. Prerequisites, FCS 342, FCS 346, FCS major, a cumulative GPA of 2.0 or higher, and permission of Department Head. Understanding the operation and management of Family and Consumer Sciences career activities through supervised work experience in the area of Nutrition Education and Promotion. May be repeated for up to nine hours of credit. (As Needed)

**489. Field Experience in Fashion Merchandising.** Credit 3 hours. Prerequisites: FCS 120, FCS 305, and FCS 346, a cumulative GPA of 2.0 or higher, and the permission of the Department Head. A field experience during which students engage in practical work experience in an approved Fashion Merchandising site. A minimum of 120 hours of supervised work activities outside of the classroom are required. Periodic reports and meetings with the faculty supervisor are also required. May be repeated for up to 9 hours of credit. (As Needed)

**491. Fashion Retailing.** A study of the contemporary aspects of retailing with application to fashion merchandising and the fashion retailing procedures used in various types of retail fashion companies. (Fall)

**497. Applied Research in Family and Consumer Sciences.** Credit 3 hours. Prerequisites: MATH 241, PHYC 220 or SW 360, and FCS 302, or permission of the Department Head. Advanced application of social science research methods investigating questions related to the health and well-being of children and families. (Fall, Spring)

**498. Interactive Physical Activity Lab for Children and Youth.** Credit 3 hours. Prerequisites: MATH 241, PSYC 220 or SW 302, and FCS 302 or permission of Department Head. This course focuses on the development and implementation of motivational strategies to increase physical fitness and well-being of children and youth. Emphasis is on the application of the research process, including hands-on data collection and analysis. Students will spend a minimum of 3 hours per week working with children in the interactive physical activity lab (I-PAL). (Fall, Spring)

**601. Special Studies in Family and Consumer Sciences.** Variable credit: 1, 2 or 3 hours. Designed for vocational family and consumer sciences teachers. Concerned with current problems and development in family and consumer sciences education. Special emphasis to be identified for each workshop. May be repeated for up to three hours credit. (As Needed)

**602. Special Studies in Family and Consumer Sciences.** Variable credit: 1, 2 or 3 hours. Designed for vocational family and consumer sciences teachers. Concerned with current problems and development in family and consumer sciences education. Special emphasis to be identified for each workshop. May be repeated for up to three hours credit. (As Needed)

**603. Special Studies in Family and Consumer Sciences.** Variable credit: 1, 2 or 3 hours. Designed for vocational family and consumer sciences teachers. Concerned with current problems and development in family and consumer sciences education. Special emphasis to be identified for each workshop. May be repeated for up to three hours credit. (As Needed)

## Finance (FIN)

**123. Personal Finance.** [LCCN: CFIN 2113, Personal Finance]. Credit 3 hours. A study of the management of personal financial affairs, including budgeting, banking, insurance, installment

financing, rent/purchase decisions, real estate, personal taxes, and lifetime financial planning. May be used as an elective. (Summer, Fall, Spring)

**381. Business Finance.** [LCCN: CFIN 3113, Principles of Business Finance (Upper Level)]. Credit 3 hours. Prerequisites: ACCT 200 and Junior standing or permission of the Department Head. A study of organization of business firms, financial planning, funds from operation, short and intermediate loan capital, owners' equity, long-term debt, and business promotion and expansion. A laboratory fee is required for this course. (Summer, Fall, Spring)

**382. Problems in Business Finance.** Credit 3 hours. Prerequisite: FIN 381. A study of the tools and techniques used in corporate financial management. The analysis focuses on spreadsheet applications to asset valuation, risk and return assessment, financial statements, cost of capital and capital budgeting. (Summer, Fall)

**383. Working Capital Management.** Credit 3 hours. Prerequisite: FIN 381. A study of the analysis of financial theory and problems involving working capital. Topics include the management of cash, receivables, inventories, and short-term funding. (Spring)

**384. Corporate Valuation and Risk Management.** Credit 3 hours. Prerequisite: FIN 381. A study of the theory and techniques employed in conducting corporate valuation and the management of corporate risk. The focus of the analysis is spreadsheet applications to financial planning and forecasting, firm valuation using free cash flows and economic value added, risk management tools, and option pricing. (Fall, Spring)

**391. Finance Internship.** Credit 3 hours. Prerequisites: FIN 381, minimum 2.5 cumulative grade point average and permission of Department Head. Finance Internship provides a student with finance experience in an assignment selected and approved by the University with a cooperating business firm. Students will earn three semester hours of credit for 300 hours of approved work experience. Only finance majors can receive credit for the Finance Internship course. All grades are assigned on a Pass/Fail basis. (Summer, Fall, Spring)

**392. Finance Internship.** Credit 3 hours. Continuation of FIN 391. In order to obtain credit for FIN 392, the work assignment must be different from that of FIN 391. This course will be graded Pass/Fail only. (Summer, Fall, Spring)

**401. Capital and Money Markets.** Credit 3 hours. Prerequisite: FIN 381 or approval of the Department Head. This course is designed to provide the basic knowledge and tools required to analyze financial markets and their institutions. The primary objective is to provide students with adequate knowledge of the structures and practical operations of major financial markets and the underlying forces which unify them. (Fall)

**410. Managerial Finance.** Credit 3 hours. Prerequisites: Junior standing, ACCT 225, ECON 201, ECON 202 and FIN 381. The study of tools and techniques used in the formulation and implementation of financial policies, including analysis of financial needs, acquisition of financial resources, and allocation of funds to finance a business. Financial decision making involving applied economics, accounting, and statistics. (Not open to finance majors). (Spring)

**447. Global Financial Management.** Credit 3 hours. Prerequisite: FIN 381. The financial problems and opportunities that confront the management of international firms. Sources and instruments of international finance, import and export financial considerations, and the interrelationship of governmental and international agencies to the financial function of business will be emphasized. (Spring)

**451/551. Investment Analysis.** Credit 3 hours. Prerequisite: FIN 381. A study of the fundamental principles of business firms; major markets in the United States, and hypothetical portfolios developed using current data. A laboratory fee is required for this course. (Summer, Fall)

**452. Portfolio Management.** Credit 3 hours. Prerequisite: FIN 451. A study of financial investment alternatives and strategies in a portfolio context. Special emphasis is given to financial engineering techniques applied in the design and management of investment portfolios within the framework of specific risk-return objectives. Students will participate in managing the Heyward Gibbs Hill Scholarship Fund. (Spring)

**495. Special Topics in Finance.** Credit 3 hours. Prerequisite: FIN 381. A seminar course that covers selected current and unique topics of special interest in finance not covered in existing courses. A laboratory fee is required for this course. (Summer, Fall, Spring)

**499. Seminar in Finance.** Credit 3 hours. Prerequisites: FIN 384 and FIN 451 (FIN 499 and FIN 451 may be taken concurrently). A capstone seminar course with emphasis on the application of finance concepts to real world problems using case studies with heavy reliance on spreadsheet models and Bloomberg applications. (Fall, Spring)

**650. Health Care Financial Management.** Credit 3 hours. A course designed to introduce students to the concepts of basic managerial financial functions, such as budgeting, accrual accounting, and the responsibilities of financial management. (As Needed)

**653. Financial Policies I.** Credit 3 hours. Prerequisites: FIN 381 and Graduate standing. The study of tools and techniques used in the formulation and implementation of financial policies. Specific emphasis is given to the analysis of financial statements, working capital management, valuation, capital budgeting, cost of capital, capital structure and leasing. A laboratory fee is required for this course. (Fall, Spring)

**654. Financial Policies II.** Credit 3 hours. Prerequisites: FIN 381 and Graduate standing. The study of tools and techniques used in the formulation and implementation of financial policies involving topics not covered in FIN 653. Specific emphasis is given to the analysis of risk management, dividend policy, the investment banking process, hybrid financing, bankruptcy and reorganization, mergers and divestitures, and multinational financial management. (As Needed)

**657. Financial Institutions Management.** Credit 3 hours. Prerequisites: FIN 381 and Graduate standing. A case-oriented introduction to the mechanics, operation, and structure of the financial intermediary system. Emphasis is placed on developing an understanding of financial markets, monetary policy and the international financial arena. (As Needed)

**695. Special Topics in Finance.** Credit 3 hours. Prerequisites: FIN 381 or permission of the Department Head and Graduate standing. A seminar course focusing on selected issues in finance. (Fall)

## Foreign Language (FLAN)

**100. Fundamentals of Latin and Greek for Science Majors.** Credit 3 hours. An elective course designed to introduce students to the fundamentals of Latin and Greek as they are used in the biological sciences and medicine. This course will not be used to satisfy the foreign language requirement. A laboratory fee is required for this course. (As Needed)

**306. Special Topics (FLAN for Professions).** Credit 3 hours. This course is designed to provide non-foreign language-speaking students with necessary language skills to perform a particular job. This course differs from traditional foreign language courses in that it utilizes phonetic encoding to teach foreign language commands, questions, and phrases critical to a particular area of study (e.g. Business, Nursing, Law Enforcement). No prior knowledge of foreign language necessary. Cannot be used to fulfill any sequence of the foreign language requirement. This course may be taken for 1, 2, or 3 hours at any one time and can be repeated, if different topics are studied, for a maximum of 6 hours. (As Needed)

**370. Studies in Foreign Language Cinema.** Credit 3 hours. Through a combination of lectures, screenings, readings, and discussions, this course aims to provide students with an appreciation of films from various countries and/or cultures from around the world. The course may cover various time periods, topics, and/or styles of film. Themes will be relevant cinematic studies in French, Spanish, German, Latin, or Italian as appropriate. Taught in English with a language option for minors. May be repeated as topics vary. (As Needed)

**401/501. Applied Linguistics and Methodology.** Credit 3 hours. Prerequisites: French/Spanish 311 or 312 and 319 or permission of the Department Head. A course aimed at mastering methods of teaching modern foreign languages at the various instructional levels (elementary, middle, and secondary). Emphasis on creation and use of drills, audio-visual materials and role-playing situations which encourage the development of communicative skills in the language. A laboratory fee is required for this course. (As Needed)

**402. Romance Linguistics.** Credit 3 hours. Prerequisite: French or Spanish 319 or Latin 311 or equivalent. A comparative study of the Romance languages and their characteristics. A laboratory fee is required for this course. (As Needed)

**404. Experiential Learning Development and Application.** Credit 3 hours. Prerequisite: French, Spanish, Italian, German, or Latin 201 or permission of Department Head. This course focuses on second language skills applied to real-life situations. Emphasis will be placed on learning through experience or service in civic engagement projects such as translation and interpreter assistance for individuals, businesses, charity organizations, and health facilities in both university and community settings, teaching, tutoring, after-school partnerships with area schools, and study-abroad service-learning projects. Student participation and performance will be assessed through formal observation by faculty in both the classroom and the field and through evaluation of a final



portfolio that will contain artifacts pertaining to the students' work in the classroom and in the field as well as narrative reflections on progress made. Education candidates earn 20 hours of field experience for this course. Course may be taken twice for a total of six credit hours. (As Needed)

**405/505. Foreign Languages I.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head. This course provides an introduction to the grammatical structures necessary for reading, writing, speaking, and listening in the target language. Special attention will be given to the study of culture. The course may be taken in French, Spanish, Italian, German, or Latin. The course may be repeated only in a different language. (As Needed)

**406/506. Foreign Languages II.** Credit 3 hours. Prerequisite: FLAN 405/505 or permission of Department Head. This course provides a continuation of the study of the grammatical structures of the language necessary for reading, writing, speaking, and listening in the target language. Special attention will be given to the study of culture. The course may be taken in French, Spanish, Italian, German, or Latin. The course may be repeated only in a different language. (As Needed)

**441/541. Foreign Language Supervised Advanced Readings.** Credit 3 hours. Prerequisites: a 300-level course in the language for which credit is to be given and consent of the Department Head. May be counted for credit in French, Italian, Latin, Spanish, and German. Reading of advanced literary works. Class meets once every two weeks for testing. A laboratory fee is required for this course. (As Needed)

**442/542. Foreign Language Supervised Advanced Readings.** Credit 3 hours. Prerequisites: a 300-level course in the language for which credit is to be given and consent of the Department Head. May be counted for credit in French, Italian, Latin, Spanish, and German. Reading of advanced literary works. Class meets once every two weeks for testing. A laboratory fee is required for this course. (As Needed)

**498. Senior Capstone Project in Foreign Languages.** Credit 1 hour. Prerequisites: A completed graduation application and 100 or more credit hours earned, or permission of Department Head. Students will create a professional portfolio detailing their most significant class work and their progress toward linguistic, literary, and cultural competency. Portfolios must be successfully presented to a faculty panel in order to obtain credit. The course is graded P/F. (Fall, Spring)

## French (FREN)

**101. Elementary French I.** [LCCN: CFRN 1013, Elementary French I]. Credit 3 hours. The beginning course for students with no knowledge of French. All appropriate elements of basic language learning are utilized for the purpose of providing a foundation in the language and culture of the countries where French is spoken. Class work supplemented by aural-oral drill in the language laboratory. Offered as the first of four sequential courses (101, 102, 201, 202) designed to provide an overall desired proficiency. A laboratory fee is required for this course. (Fall, Spring)

**102. Elementary French II.** [LCCN: CFRN 1023, Elementary French II]. Credit 3 hours. Prerequisite: FREN 101 or equivalent. Continuation of FREN 101. A laboratory fee is required for this course. (Fall, Spring)

**201. Intermediate French I.** [LCCN: CFRN 2013, Intermediate French I]. Credit 3 hours. Prerequisite: FREN 102 or equivalent. Completion and review of basic elements of grammar. Introduction of reading material of moderate difficulty. A laboratory fee is required for this course. (Fall, Spring)

**202. Intermediate French II.** [LCCN: CFRN 2023, Intermediate French II]. Credit 3 hours. Prerequisite: FREN 201 or equivalent. A course with emphasis on proficiency in reading and continuation of grammar review. A laboratory fee is required for this course. (Fall, Spring)

**303. Enhanced Listening Comprehension and Oral Expression.** Credit 3 hours. Prerequisites: FREN 202 or equivalent. Course designed to enhance listening comprehension and speaking skills in French after completing basic language sequence. A laboratory fee is required for this course. (As Needed)

**310. Advanced French Conversation.** Credit 3 hours. Prerequisite: FREN 202 or equivalent. An intensive exploration of the process of conversation. Examines vocabulary development, pronunciation, fluency, and other related issues. Course may be repeated once for credit as an elective. A laboratory fee is required for this course. (As Needed)

**311. Advanced French Grammar.** Credit 3 hours. Prerequisite: FREN 202 or equivalent. Intensive study of grammar and syntax. Recommended for students who wish to improve their language skills. A laboratory fee is required for this course. (As Needed)

**312. Advanced French Composition and Syntax.** Credit 3 hours. Prerequisite: FREN 202 or equivalent. Descriptive and narrative compositions in French with emphasis on syntax and verb forms. Effective writing of letters and short reports will be stressed to develop business skills. Recommended for students who wish to improve their language skills. A laboratory fee is required for this course. (As Needed)

**314. French Culture and Civilization.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. Geography, history, literature, art, music, educational system, economy, etc. of the French people. Recommended for students interested in the culture of France. This course cannot be used to fulfill the foreign language requirement. A laboratory fee is required for this course. (As Needed)

**319. Advanced French Phonetics.** Credit 3 hours. Prerequisite: FREN 202 or equivalent. An introduction to the phonetic system of the French language with practice in the language laboratory. Recommended for students with a minor in French and for others who wish to perfect their oral language skills. A laboratory fee is required for this course. (As Needed)

**324. Francophone Culture and Civilization.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A survey course of the geography, history, literature, art, music and general aspects of culture in the various French speaking countries throughout Africa, Asia and the Americas. A special component will be dedicated to Louisiana French studies. A required course for the minor in Francophone and Creole Studies. A laboratory fee is required for this course. (As Needed)

**325. Literature of France.** Credit 3 hours. Prerequisite: FREN 202 or equivalent. A survey of French literature. Develops reading and analytical skills in French and explores different theoretical approaches to the texts. A laboratory fee is required for this course. (As Needed)

**326. Francophone Literature.** Credit 3 hours. Prerequisite: FREN 202. This course is a survey of Francophone literature from the nineteenth century, when the concept of Francophone literature emerged, until today. It exposes students to different literary movements and styles in the Francophone world and explores varied theoretical approaches to the notion of text. A laboratory fee is required for this course. (As Needed)

**370. Studies in French Cinema.** Credit 3 hours. Taught in English, with a French language option for minors. Themes in French film from the Thirties. A laboratory fee is required for this course. (As Needed)

**423. Special Topics in French and Francophone Studies.** Credit 3 hours. Prerequisite: FREN 202. A special topics course that offers a detailed analysis of a particular genre, movement, author, or topic. May be repeated for credit as topics vary. A laboratory fee is required for this course. (As Needed)

## General Biology (GBIO & BIOL)

**106. Introduction to Biological Principles I.** [LCCN: CBIO 1013, General Biology I]. Credit 3 hours. A survey of the fundamental principles and concepts of biology including biochemistry, cell biology, metabolism, photosynthesis, cell division, reproduction, genetics, molecular biology, development, evolution, and ecology. This would be the first course in a sequence which satisfies the General Education Sequence requirement in the Natural Sciences. Three hours of lecture per week. Persons majoring in Biology may not use this course to fulfill their major requirements. However, it may be used to fulfill an elective requirement and in calculating cumulative averages. (Summer, Fall, Spring)

**107. Introduction to Biological Principles II.** [LCCN: CBIO 1023, General Biology II]. Credit 3 hours. Prerequisite: GBIO 106 [111], or GBIO 151, or GBIO 151H or permission of the Department Head. A course which relates to the broad biological principles covered in GBIO 106 and GBIO 151 to specific groups of organisms. Emphasis will be placed on taxonomy, diversity, systems and architecture of these organisms. Three hours of lecture per week. Persons majoring in Biology may not use this course to fulfill their major requirements. However, it may be used to fulfill an elective requirement and in calculating cumulative averages. (Summer, Fall, Spring)

**108. Human Reproductive Biology.** Credit 3 hours. Structure, function, coordination and control of the human reproductive organ system. Human heredity, development, birth and sexual differentiation. Biological aspects of sexual abnormalities, and venereal diseases. No credit awarded towards Biology major. This course may not be used to satisfy the General Education sequence requirement in the natural sciences. (As Needed)

**151. General Biology I.** [LCCN: C BIO 1033, General Biology I (Science Majors)]. Credit 3 hours. Prerequisite: Must be eligible to enroll in ENGL 101 and MATH 151 or 161. Non-biology majors must be eligible to enroll in ENGL101 and MATH 105 or 151, or 161. Principles of biology from the cellular level including biochemistry, cell biology, metabolism, photosynthesis, molecular biology, and genetics. This course is designed for students planning to major in biology or related discipline. Three hours lecture per week. (Summer, Fall, Spring)

**151H. General Biology I Honors.** Credit 3 hours. Prerequisites: Must be eligible to enroll in ENGL 101, and authorization by the Director of the Honors Program. Principles of biology from the cellular level including biochemistry, cell biology, metabolism, photosynthesis, molecular biology, and genetics. This course is designed for students planning to major in biology or related disciplines. Three hours lecture per week. (Fall, Spring)

**152. General Biology Laboratory I.** [LCCN: C BIO 1031, General Biology I Lab (Science Majors)]. Credit 1 hour. Prerequisites: Registration in or prior credit for G BIO 106 or G BIO 151 and all prerequisite courses must have a grade of "C" or better. Laboratory exercises for studying the principles of biology from the cellular level including biochemistry, cell biology, molecular biology, and genetics. Two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**153. General Biology II.** [LCCN: C BIO 1043, General Biology II (Science Majors)]. Credit 3 hours. Prerequisite: Completion of G BIO 151 with a "C" or better. A systematic study of the structure, function, evolution, ecology and relationships of organisms including viruses, bacteria, protists, fungi, plants, and animals. This course is designed for students planning to major in biology or related disciplines. Three hours lecture per week. (Summer, Fall, Spring)

**153H. General Biology II Honors.** Credit 3 hours. Prerequisites: Completion of G BIO 151H and authorization by the Director of the Honors Program. A systematic study of the structure, function, evolution, ecology and relationships of organisms including viruses, bacteria, protists, fungi, plants, and animals. This course is designed for students planning to major in biology or related disciplines. Three hours lecture per week. (Fall, Spring)

**154. General Biology Laboratory II.** [LCCN: C BIO 1041, General Biology II Lab (Science Majors)]. Credit 1 hour. Prerequisites: Registration in or prior credit for G BIO 107 or G BIO 153 and all prerequisite courses must have a grade of "C" or better. Laboratory exercises for systematically studying the structure, function, evolution, ecology, and relationships of organisms including protists, fungi, plants and animals. Two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**155. General Biology Laboratory Simulation.** Credit 1 hour. Prerequisites: Registration in or prior credit for G BIO 151, eligibility for the CALL program (RN to BSN in Nursing), and permission of the Department Head of Biological Sciences. A series of virtual/science kit laboratory experiments including but not limited to experimental design microscopes, cells/cell structure, cell membranes, enzymes/chemical reactions, mitosis, meiosis, and genetics. Students will relate topics learned in lectures to a virtual laboratory setting, use the scientific method to answer questions relevant to biology, follow instructions to complete assigned experiments, and report the required results, perform relevant mathematical calculations required to complete the laboratory, use a spreadsheet to create graphs representing data obtained from the experiment, create electronic reports summarizing data and drawing required experimental conclusions as well as a video display of how they conducted the lab for the science kits. This course is exclusively for students in the CALL nursing program and may not be used to substitute for any Biology, Microbiology, or Zoology laboratory or lecture courses, nor can it be used to satisfy any prerequisites, co-requisites, or requirements for any of these courses. A laboratory fee is required for this course. (Summer, Fall, Spring)

**200. Cell Biology.** [LCCN: C BIO 2133, Cell Biology]. Credit 3 hours. Prerequisites: G BIO 151 and 153, MATH 151 or 161 or 165 or 200, and CHEM 121, all with a grade of "C" or better, or permission of the Department Head. A basic course emphasizing the study of the energetics of biological systems, including the manner in which cells obtain and expend energy: the synthesis and degradation of macromolecules with emphasis on proteins and nucleic acids. Three hours of lecture per week. (Summer, Fall, Spring)

**203. Selected Topics in Biology.** Variable credit 1-4 hours. Prerequisite: Permission of the Department Head. Selected topics in biology that are new or unique and are not covered in existing courses. May be repeated more than once if different topics are studied up to a maximum of 4 credit hours. This course may not be used by biology majors as a concentration elective; it may be used as a general elective. (Fall)

**241. The Profession of Biology or Getting What You Came For.** Credit 1 hour. Prerequisites: Major in Biology and credits for GBIO 151, 153 and BIOL 152 and all prerequisite courses must have a grade of "C" or better. An Internet-based course designed to guide students in making appropriate and informed career plans in the biological sciences. Two hour of Internet learning per week. The course is graded pass/fail. (Summer, Fall, Spring)

**281. Environmental Awareness.** [LCCN: CEVS 1103, Environmental Science]. Credit 3 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and all prerequisite courses must have a grade of "C" or better. A broad spectrum study of the ecological problems of our society. Three hours of lecture per week. (Spring)

**312. Genetics.** [LCCN: CBIO 3523, Genetics (Upper Level)]. Credit 3 hours. Prerequisites: GBIO 200 or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. Recommend: Completion of MATH 161 or 164 and 162 and one course of Organic Chemistry. A study of fundamental hereditary mechanisms and relationships. Emphasis is placed on nucleic acids and the molecular and cytological roles by which genes are distributed and expressed. (Summer, Fall, Spring)

**314. Genetics Laboratory.** [LCCN: CBIO 3521, Genetics Lab (Upper Level)]. Credit 2 hours. Prerequisite: Registration in or prior credit for GBIO 312. A series of experiments designed to illustrate the principles of genetics. Four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**341. Professional Aspects of Biology.** Credit 1 hour. Prerequisite: Major in Biology, Junior status or permission of Department Head. An introduction to learning in biological sciences beyond the usual classroom or laboratory setting. Specific sections may allow students to gain experience in conducting research in designated specialties or focus on aspects of the philosophy, ethics, and history of scientific research. May be repeated for up to two credits. Two hours of field learning per week. (Summer, Fall, Spring)

**377. Applied Biostatistics.** Credit 4 hours. Prerequisites: MATH 161 or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. Basic concepts of biostatistics and sampling strategy; measures of central tendency and dispersion; Z, t, chi-square, and F distributions; test of hypothesis, error rates, and maximizing power; analysis of variance and regression. Strong emphasis on, and many examples of, field and laboratory oriented biological research problems. Three hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**395. General Ecology.** [LCCN: CEVO 4123, Principles of Ecology (Upper Level)]. Credit 3 hours. Prerequisites: GBIO 153, BIOL 154, or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. Biology majors must additionally be concurrently registered in GBIO 397. The biology of ecosystems: energy, patterns of ecosystems, and populations, interspecies interactions, diversity and development. Three hours of lecture per week. (Fall, Spring)

**397. General Ecology Laboratory.** [LCCN: CEVO 4121, Principles of Ecology Lab (Upper Level)]. Credit 2 hours. Prerequisite: Registration in or prior credit for GBIO 395. A series of activities and exercises designed to illustrate ecological concepts and to introduce students to ecology as a scientific discipline. The course will include class excursions to natural habitats both on and off campus. Four hours of laboratory per week. (Fall, Spring)

**404/504. Ecological Methods.** Credit 3 hours. Prerequisites: GBIO 377 and GBIO 395, or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. An introduction to exploratory and experimental ecology with an emphasis on experimental design, sampling strategy, ecological indices, population dynamics, and simulation modeling. Two hours of lecture and two hours of laboratory per week. (As Needed)

**405/505. Evolutionary Biology.** [LCCN: CBIO 3643, Evolutionary Biology (Upper Level)] Credit 4 hours. Prerequisites: GBIO 312, or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. Knowledge of evolutionary concepts is fundamental to the understanding of biology. The theory of evolution unifies all of the disparate disciplines included within the life sciences. Microevolution explores processes occurring at or below the level of species, including mechanisms of inheritance, reproductive isolation, and speciation. Macroevolutionary concepts operating above the species level include paleontology, biogeography, systematics, phylogeny, and an understanding of human origins. Four hours of lecture per week. (Summer, Fall, Spring)

**406/506. Wetland Ecology.** Credit 4 hours. Prerequisites: GBIO 153, BIOL 154, and Junior standing, or permission of the Department Head and all prerequisite courses must have a grade of

"C" or better. A study of wetland ecosystems considering productivity and salinity variations with an emphasis on the interface of aquatic and terrestrial environments. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (Odd Year Spring Semesters)

**407/507. Forensic Biology.** Credit 4 hours. Prerequisites: GBIO 151 and GBIO 153, or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. An introduction to the use of biological information in civil and criminal investigations of deceased humans and wildlife. Topics will include basic principles of human decomposition, forensic anthropology, botany, entomology, odontology, and pathology. Laboratory component will include mock crime scene scenarios, emphasizing methods and procedures for recovery of crime scene evidence, forensic entomology, and decompositions rates. Three hours of lecture and three hours of laboratory per week. (Spring)

**408/508. Computational Biology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 with a grade of "C" or better. This course will focus on using computational methods and computer programs to acquire, clean and visualize biological data, and will include substantial hands-on segments working with real biological datasets. Topics covered will include: introductory programming, data analysis, and visualization for biological applications. No prior computing experience is required. Three hours of lecture and three hours of laboratory per week. (Fall)

**409. Internship.** Credit 1-3 hours. Prerequisites: Junior/Senior standing and permission of the Department Head. This course is designed to give students practical experience working with professionals in their chosen field. The student is responsible for finding a sponsoring professor and a professional with whom to work. Students earn one credit for 3 hours internship per week averaged over the term, up to a maximum of 3 credits for 9 averaged hours per week. May be repeated more than once for up to a maximum of 3 credit hours. Means of evaluation is determined by the sponsoring professor and the professional. (Summer, Fall, Spring)

**410/510. Introduction to Population Genetics.** Credit 4 hours. Prerequisite: GBIO 312. This course explores the mechanics of evolution from the viewpoint of allelic frequencies. It begins with the basic theory of Hardy-Weinberg equilibrium and expands that theory to embrace linkage disequilibrium, selection in single-locus and multi locus systems, genetic drift, and the effects of mutation rates, population size, and migration on the genetic structure of populations. Exposure is given to classic ideas. (e.g., shifting balance theory and runaway sexual selection) and to applications of theory (e.g., breeding designs, conservation genetics). Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**418/518. Community Ecology.** Credit 4 hours. Prerequisites: GBIO 395 and all prerequisite courses must have a grade of "C" or better. The study of ecological communities and the interactions of species that co-occur in time and space. The course will include the history of ideas, important examples, methods for data analysis, and casual factors associated with communities. Other topics covered will include succession, ordination, classification, competition, predation and mutualism. Three hours of lecture and three hours of laboratory per week. (As Needed)

**434/534. Molecular Biology and Biotechnology.** Credit 4 hours. Prerequisites: GBIO 312 and CHEM 122. This course provides an understanding of basic molecular biological principles and advances in biotechnology as applied in a variety of rapidly advancing areas including health, medical, agricultural, forensic, and environmental sciences. Students explore molecular and biochemical methodologies involving recombinant DNA and RNA-based technologies (e.g., miRNA and CRISPR), genomics and proteomics, immune technology, nanobiotechnology, transgenesis, gene therapy, cloning and stem cell technologies, biosensors, synthetic biology (biological machines), and how they are used in basic research, cancer/disease therapies, vaccine design, molecular diagnostics, tissue engineering, GMO crops, disease vector control, biowarfare, and more. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this class. (Spring)

**439/539. Introduction to Fresh Water and Estuarine Biology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A consideration of fresh water lakes and streams and estuaries as biological habitats and of the organisms which inhabit these environments. Attention will be given to limnology and the ecology of these areas. Two hours of lecture and one four-hour laboratory per week. A laboratory fee is required for this course. (Odd Year Fall Semesters)

**441. Biology Seminar.** [LCCN: CBIO 4561, Biology Seminar]. Credit 1 hour. Prerequisite: Senior standing in Biology. A review of important concepts and current events in biological sciences. May be

repeated for maximum credit of two hours. Additional hours will not be counted towards student's major or in the cumulative GPA average. Meets two hours per week. (Summer, Fall, Spring)

**442/542. Marine Biology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A consideration of the sea as a biological environment, of the organisms which inhabit the sea, and of the interrelationships existing between marine organisms and the physical, chemical, and biological aspects of their environments. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**450. Research Problems.** Credit 1-4 hours. Prerequisite: Junior standing in Biology. May be repeated more than once for up to a maximum of 4 credit hours. Additional hours will not be counted towards student's major or in the cumulative GPA average. A laboratory fee is required for this course. (Summer, Fall, Spring)

**460. Research Problems II.** Credit 1 – 4 hours. Prerequisites: GBIO 153 and BIOL 154 with a grade of "C" or better. May be repeated for a maximum of four credit hours. Cannot be used as credit for Concentration Electives for Biology degree requirements, but can be used for free electives credit. A laboratory fee is required for this course. (Summer, Fall, Spring)

**481/581. Biogeography.** Credit 3 hours. Prerequisites: GBIO 153, BIOL 154, and Junior standing or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. Examines the distribution of organisms. A study of the patterns and processes of organism distribution from theoretical and empirical perspectives. Three hours of lecture per week. (As Needed)

**485/585. Conservation Biology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 and all prerequisite courses must have a grade of "C" or better. Recommended: GBIO 312 and 395. An examination of threats and disruptions to biological systems from the level of populations through ecosystems to global systems. Emphasis on basic principles of ecology, evolution, and genetics as they apply to conservation theory and practice. Consideration will also be given to social, economic, and political aspects of biodiversity conservation and the role of various governmental and non-governmental organizations and research institutions. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (Even Year Spring Semesters)

**492/592. History of Biology.** Credit 3 hours. Prerequisites: GBIO 153, BIOL 154, and Junior Standing, or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. A general survey of the historical development theories of biological sciences from early man to the present. (Spring)

**493/593. Special Topics in Biology.** Credit 2-4 hours. Selected topics in Biology that are new or unique and are not covered in existing courses. This course may be repeated for credit if different topics are studied. (As Needed)

**495/595. Biological Electron Microscopy.** Credit 4 hours. Prerequisites: Junior standing and consent of the Department Head. Methods of studying biological material with transmission electron microscopes; fixation, ultramicrotomy and cytochemistry; replica and shadowing; and other biological related procedures. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (Even Year Spring Semesters)

**498/598. Biological Science for Teachers.** Credit 3 hours. Prerequisites: GBIO 151, GBIO 153, CHEM 121, and CHEM 122 and all prerequisite courses must have a grade of "C" or better. A capstone course designed for teacher candidates who will be teaching biology at the secondary level. Content includes current issues and research in science and pedagogy that focuses on the development, delivery and assessment of science knowledge in a secondary classroom based on national and state teaching standards. This course is used for the degree requirements in the Biology Education Concentration, but cannot be used for degree requirements in other concentrations in Biology. Six hours of lecture/laboratory per week, including forty hours of participation in secondary science classroom teaching and/or tutoring. A laboratory fee is required for this course. (Fall)

**600. How to be a Biology Teaching Assistant.** Credit 1 hour. Prerequisites: Acceptance into the Master of Science in Biological Sciences program and permission from the Department Head. A seminar course designed to prepare graduate students to be competent and effective Teaching Assistants and fellows in biology laboratories. Two hours of seminar and laboratory per week. May be repeated for a maximum credit of two hours. (Fall, Spring)

**601. Professional Aspects of Biology.** Credit 1 hour. Prerequisite: Admission to the MS degree program in Biological Sciences or permission of the Department Head. Readings, discussions and assignments designed to cover aspects of success in graduate school and a career in biology. Two hours of seminar per week. (As Needed)

**609. Estuarine Ecology.** Credit 4 hours. A study of the estuary as an ecosystem with emphasis on the recent scientific literature on estuaries. Field studies on the Lake Maurepas/Lake Pontchartrain estuary. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**610. Biostatistics.** Credit 4 hours. Prerequisite: MATH 161 or permission of the Department Head. An introductory course in the concept of biostatistics and sampling strategy. Topics covered include measures of central tendency and dispersion; Z, t, chi-square, and F distributions; experimental design, partitioning of variance, test of hypotheses, and maximizing power; analysis of variance and regression. Emphasis on field and laboratory research problems. Three hours of lecture and two hours of laboratory per week. (As Needed)

**611. Advanced Biostatistics.** Credit 4 hours. Prerequisite: GBIO 377 or 610 or permission of the Department Head. An advanced course that applies concepts, terminology, and notation from basic methods course(s) to advanced statistical techniques. Students will learn the major applications of experimental design, treatment arrangements analysis of covariance multiple regression, factor analysis, discriminant analysis, cluster analysis, and system modeling. Additional concepts will be developed such as blocking, covariables, nesting, pseudoreplication, confounding, repeated measures, types of sums of squares, and optimization. Three hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**612. Limnological Methods.** Credit 3 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent, and CHEM 122/124, permission of the Department Head. A course designed to acquaint the student with the methods and techniques for the collection and analysis of aquatic and microbiological samples. One hour of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**615. Systematics.** Credit 3 hours. Prerequisite: Must be admitted to Master of Science Program, or permission of the Department Head. Studies in philosophy, theory, and methods employed in studying biodiversity. Phylogenetics is emphasized but alternatives are examined. Extensive computer time is required for the course. Three hours of lecture per week. (As Needed)

**616. Historical Ecology.** Credit 3 hours. Prerequisite: Graduate standing in biological sciences or permission of the Department Head. Currently active behavioral and ecological processes and systems all have a historical component. The historical component obfuscates the study of these processes and systems. This course examines the problem of history in studying contemporary processes and shows how to identify history by several methods. Three hours of lecture per week. (As Needed)

**620. Environmental Management.** Credit 3 hours. A course designed to provide students an overview of the issues and concepts associated with the business-economy/environmental interaction. The course will focus on the evolution of four themes, or four "shades of green" that contribute toward creating and sustaining competitive and strategic advantage. Credit cannot be received for both GBIO 620 and MGMT 620. (Fall)

**652. Molecular Biology.** Credit 4 hours. Prerequisites: One year of organic chemistry, GBIO 200 and 312. A study of recent techniques and findings in the field of molecular biology. Practical experience is emphasized. Three hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**655. Island Ecology.** Credit 3 hours. A study of oceanic islands as natural laboratories for ecology and evolution. Topics will include the relationships of plants and animals with their environment on continental and volcanic islands and the biological characteristics of species that permit or constrain colonization of islands. Establishment, adaptation, speciation, and extinction on islands are examined. Also included will be a discussion of biogeographic principles and taxonomic patterns of island biota. Three hours lecture per week. (As Needed)

**660. Graduate Research Problems.** Credit 1-2 hours per semester. Maximum credit two hours for thesis students. Additional hours will be graded on "Pass/Fail" basis and will not be counted toward student's major or in the cumulative GPA average. This course cannot be used for credit in the non-thesis option. A laboratory fee is required for this course. (As Needed)

**661. Non-Thesis Graduate Research Problems.** Credit 1-4 hours. Research project for non-thesis graduate students. This course is required for all non-thesis graduate students. The course may be taken for variable credit in different semesters, but must be taken until the required four credits hours are earned. Requires prior approval of the Non-Thesis Research Agreement Form by the student's Graduate Faculty advisor and the Non-Thesis Committee. (As Needed)

**690. Special Topics in Biology.** Credit variable, 2-4 hours. Selected topics in Biology that are new or unique and are not covered in existing courses. This course may be repeated for credit if different topics are studied. (As Needed)

**691. Graduate Seminar.** Credit 1 hour. May be repeated for maximum credit of four hours. Additional hours will not be counted toward student's major or in the cumulative GPA average. One-two hours of seminar per week. (As Needed)

**770. Thesis.** Credit 1-6 hours each semester, with 6 hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. (As Needed)

## Gulf Coast Research Laboratory

Southeastern Louisiana University has an Affiliate Agreement with the University of Southern Mississippi for teaching marine sciences and related courses at the Gulf Coast Research Laboratory (GRCL) in Ocean Springs, Mississippi. Students wishing to take courses at GCRL must receive PRIOR approval from their Advisor and Department Head. Students apply, register, and take courses at GCRL and receive transfer credit at Southeastern as GBIO 493 or 593. GCRL offers room and board for an additional fee. All tuition fees, incidental fees, room and board, and any other charges or fees at GCRL are charged at the same rate as to Mississippi students (i.e., in-state rates). For more information on GCRL, visit the Web site – <http://www.usm.edu/gcrl/>.

Listed here are summer courses currently offered at GCRL – other courses not listed here may also be offered at any given summer.

**NOTE: Registration in these courses requires PRIOR approval of the student's advisor and the Department Head.**

SUMMER COURSES (with GCRL prefix-these courses transfer to Southeastern as GBIO 493 or 593)

COA 300	Oceanography	Credit 3 hours
COA 300L	Oceanography Lab	Credit 2 hours
COA 301	Marine Biology	Credit 3 hours
COA 301L	Marine Biology Lab	Credit 2 hours
COA 421/521	Marine Ichthyology	Credit 3 hours
COA 421L/521L	Marine Ichthyology Lab	Credit 2 hours
COA 428/528	Marine Invertebrate Zoology	Credit 3 hours
COA 428L/528L	Marine Invertebrate Zoology Lab	Credit 2 hours
COA 442/542	Elasmobranch (Shark) Biology	Credit 3 hours
COA 442L/542L	Elasmobranch (Shark) Biology Lab	Credit 2 hours
COA 443/543	Marine Mammals	Credit 3 hours
COA 443L/543L	Marine Mammals Lab	Credit 2 hours
COA 446/546	Marine Ecology	Credit 3 hours
COA 446L/546L	Marine Ecology Lab	Credit 2 hours
COA 490/590	Special Topics	Credit 1-6 hours
COA 492/592	Special Problems	Credit 2-6 hours

## Louisiana Universities Marine Consortium

Southeastern Louisiana University is a member of the Louisiana Universities Marine Consortium (LUMCON) and offers courses at the LUMCON DeFelice Marine Center in Cocodrie, Louisiana. Students must first apply to LUMCON. Once accepted into the program, the student then registers for credit at Southeastern Louisiana University. Room and board expenses at LUMCON and applicable laboratory fees will be assessed. Go to <http://www.lumcon.edu> for more information.

**NOTE: These courses are taken as GBIO 493/593 Special Topics in Biology and require PRIOR approval of the student's advisor and the Department Head.**



## SPRING COURSES

Changing Coastal Oceans                      Credit 3 hours                      Spring only  
 Taught via compressed video networking. Requires one weekend field trip to LUMCON Marine Center,

## SUMMER COURSES

Introduction to Marine Science	Credit 4 hours	Four weeks	Even years
Coral Reef Ecology	Credit 3 hours	Three weeks	Even years
Marine Field Ecology	Credit 4 hours	Four weeks	Even years
Coastal Field Geology	Credit 3 hours	Three weeks	Even years
Introduction to Marine Zoology	Credit 4 hours	Four weeks	Odd years
Marine Invertebrate Ecology	Credit 3 hours	Three weeks	Odd years
Wetland Vegetation	Credit 3 hours	Three weeks	Odd years
Marine Fish Ecology	Credit 3 hours	Three weeks	Odd years

These courses are taught by prior arrangement:

Topics in Marine Science	Credit 1-6 hours
Special Problems in Marine Science	Credit 1-6 hours

**NOTE: These courses are taken as GBIO 690 Special Topics in Biology and require PRIOR approval of the student's advisor and the Department Head**

Topics in Marine Science	Credit 1-6 hours
Special Problems in Marine Science	Credit 1-6 hours

## Environmental Health Sciences Partnership with Tulane University

Southeastern has established a partnership with Tulane University that allows qualified juniors or seniors at Southeastern to take graduate level courses in Environmental Health Sciences at Tulane University. The participating student may follow any of the concentrations in the Department of Biological Sciences curriculum; however, CHEM 251, Analytical Chemistry and CHEM 254, Quantitative Analysis Laboratory are required for those who enroll in the program. In addition, nine credit hours (3 of 4 courses) of Tulane Courses are required. Those courses can substitute for nine hours of upper-level Biology electives with the permission of the Department Head. Upon successful completion of this course work and graduation, the student would be eligible for acceptance into the Master of Public Health Degree Program at Tulane University. Interested students should consult with the Department Head.

Student Eligibility and Admissions: Students must apply to and be accepted by both programs at the Tulane School of Public Health and Southeastern. These students must;

1. Apply in their junior year of undergraduate study to begin courses in their senior year
2. Have a major (or 60 credits) in the sciences, math, and/or engineering with 15 of these credits in upper level (junior/senior) courses by undergraduate graduation
3. Have a grade point average of at least 3.0
4. Be recommended by their advisor with approval of the Department Head
5. Submit three letters of recommendation with one of the letters from the applicant's advisor
6. Submit a written statement of career goals
7. Take the GRE in their senior year

Graduate Courses at Tulane (students must take 3 of 4)

<b>ENHS 603</b>	Survey of Environmental Health	Credit 3 hours
<b>ENHS 660</b>	Principles of Toxicology	Credit 3 hours
<b>ENHS 651</b>	Water of Quality Management	Credit 3 hours
<b>ENHS 762</b>	Health Risk Assessment	Credit 3 hours

## General Business (GB)

**208. Latin American Culture and Communication for Business.** Credit 3 hours. This course is designed to provide business majors with skills necessary to communicate, navigate, and conduct business in Latin American nations. (As Needed)

**470. Independent Study.** Credit 3 hours. Prerequisite: Junior standing. A course designed to provide students with the opportunity to explore any general business concentration area through a special project, assigned readings, or other types of work. Department Head of the designated faculty will approve the proposal of the independent study and monitor the student's progress. (As Needed)

**480. Business Administration Internship.** Credit 3 hours. Prerequisites: Senior standing and Permission of the Department Head. A course designed to provide students with the opportunity to earn credit by working in related jobs. The Business Administration Internship Coordinator will review and approve the type of work to complete and the internship course. A minimum of 300 hours of approved work is required. A Pass/Fail grade will be given. May be repeated for credit. (As Needed)

**495. Special Topics in General Business.** Credit 3 hours. Prerequisite: Junior Standing. This course is an approach to the examination of contemporary business issues. It provides students with the knowledge and skills necessary to navigate the global marketplace. Credit toward the degree will not be granted for both MGMT 420 and GB 495. (As Needed)

**695. Special Topics in Contemporary Business.** Credit 3 hours. A course devoted to an investigation, analysis, and discussion of contemporary business trends, policies, and current issues. (As Needed)

## General Business Business Technology (GBBT)

**234H. Business Communications.** Credit 3 hours. Prerequisite: English 102. A study of fundamental business communications, business letters, and reports. (As Needed)

**351. Telecommunications in Business.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. Theory of electronic systems. Applications to networking capabilities of microcomputers. Issues related to telecommunications. (As Needed)

**495. Special Topics in Business Communication.** Credit 3 hours. Prerequisite: GBBT 234 or permission of the Department Head. Investigation and presentation of current and relevant business communication issues which can affect achievement in the free enterprise system. (As Needed)

**618. Team Building in Business Communication.** Credit 3 hours. Team development in context of business tasks, small group synergies, and communication processes. Course is applied rather than theoretical in nature and stresses techniques by which business people can motivate groups to behave as teams. Some attention to needs of not-for-profit organizations, virtual (electronic) groups, and cross-cultural diversity. (As Needed)

**635. International Business.** Credit 3 hours. Prerequisite: Graduate standing. Dynamics of international business, including cultural analysis, foreign entry, globalization, and role of technology in multinational communication and logistics. Case studies and audiovisuals demonstrating economic and supervisory factors in business across cultural and national boundaries. (As Needed)

**651. Technology in Business Communication.** Credit 3 hours. Prerequisite: MBA student or permission of instructor. Exploration of the capabilities of contemporary technological communication networks with emphasis on applications such as e-mail, academic research, discussion groups, marketing application, electronic presentations, and individual home-page construction. (As Needed)

**681. Administrative Communication Theory.** Credit 3 hours. A study of administrative communication theory and practice as it relates to various types of organizations and their goals. Emphasis is directed toward improving communication skills of administrators in business, education, government, and other organized groups in reaching their purposes and goals. (As Needed)

**695. Special Topics in General Business.** Credit 3 hours. Prerequisite: Graduate standing. A seminar course focusing on selected issues in general business. (As Needed)

## Geography (GEOG)

**103. Introduction to Geography.** Credit 3 hours. This course surveys the basic concepts of geography. Introduces the student to physical and cultural aspects of geography and describes the interaction of humans and their environment. (Summer, Fall, Spring)

**126. Environmental Conservation and Geography.** Credit 3 hours. This course explores the interactions between humanity and the environment that have led to current environmental problems. Topics to be explored include: biodiversity, global climate change, human population growth, and natural resource conservation. (As Needed)

**141. World Regional Geography I.** Credit 3 hours. A study of the patterns of cultural characteristics and human and physical landscapes of the developed, industrial world regions. (Summer, Fall, Spring)

**142. World Regional Geography II.** Credit 3 hours. A study of the patterns of cultural characteristics and human and physical landscapes of the developing world regions. (Summer, Fall, Spring)

**301. Geography of Europe.** Credit 3 hours. Prerequisite: Sophomore standing or consent of the Department Head. A survey and analysis of the physical and cultural environments of the European continent. Emphasis on the physical landscape, climate, settlement patterns, culture, land use, urbanization, and economic development. (As Needed)

**305. Field Methods and Map Reading.** Credit 3 hours. Prerequisite: GEOG 103 or consent of the Department Head. Techniques of geographic field research and the interpretation and analysis of maps. Students will use instruments such as compasses, transits, handheld GPS units, and clinometers to gather data. (As Needed)

**306. The Atmosphere.** Credit 3 hours. Prerequisite: GEOG 103 or consent of Department Head. This course provides an examination of the processes and operations in the atmosphere, world climatic patterns, and classification of climates. (As Needed)

**309. Introduction to Physical Geography.** Credit 3 hours. Prerequisite: GEOG 103 or consent of the Department Head. A survey of the earth-sun relationships, elements of weather and climate, climatic regions, landforms, vegetation, and soils of the earth. Emphasis will be placed on the interaction of humans with the physical landscape. (As Needed)

**322. Geography of Louisiana.** Credit 3 hours. Prerequisite: Sophomore standing or consent of the Department Head. Examines the physical and cultural geography of Louisiana with an emphasis on the physical geographical elements and the geographical implications of the state's varied cultural heritage. (Summer, Fall, Spring)

**326. Environmental Impact Assessment.** Credit 3 hours. Prerequisite: GEOG 103 or consent of Department Head. The course examines and evaluates the impacts of large scale projects on the quality of the environment. The legal requirements for the preparation of an environmental impact statement (EIS) as prescribed by the National Environmental Policy Act of 1969 will be addressed. (As Needed)

**343. Geographic Information Systems (GIS) 1.** Credit 3 hours. Prerequisites: GEOG 103 and MATH 241 or consent of the Department Head. An introduction to the theory, principles, and capabilities of Geographic Information Systems. Extensive hands-on experience with the ArcGIS© software package. One hour lecture and two hours lab. (As Needed)

**355. Cartography.** Credit 3 hours. Prerequisite: GEOG 103 or consent of the Department Head. The course is designed to serve as a foundation for geographic analysis. The course will focus on the basic principles of cartography. Topics include projections, cartometric procedures, map symbolization, color use guidelines, and map typography. (As Needed)

**370. Remote Sensing and Aerial Photo Interpretation 1.** Credit 3 hours. Prerequisites: GEOG 103 and MATH 241 or consent of the Department Head. An introduction to the fundamental principles and practices of aerial photography, remote sensing, photogrammetry, and photo interpretation. One hour lecture and two hours lab per week. (As Needed)

**400/500. Independent Study.** Credit 1-3 hours. Prerequisites: Consent of Department Head and Junior standing. Student works with an instructor on a one-to-one basis and prepares a research report on an appropriate topic. May be repeated in one to three hour credits for a total of 6 hours. New materials are investigated in each repeat. (As Needed)

**401/501. Historical Geography of the United States.** Credit 3 hours. Prerequisite: Junior standing, or consent of the Department Head. A historical study of the changing geographic aspects of the land area of the United States from the pre-Columbian era to the present. Emphasis is placed upon the sequence of land occupation and utilization in various regions of the country. Especially recommended to teachers of the social studies. (As Needed)

**402/502. Geography of United States and Canada.** Credit 3 hours. Prerequisite: Junior standing or consent of the Department Head. The physical and cultural geography of the United

States and Canada. Emphasis on the physical landscape, climate, settlement patterns, culture, land use, urbanization, and economic development. (As Needed)

**408/508. Geography of Natural Hazards and Disasters.** Credit 3 hours. Prerequisite: GEOG 103 or consent of Department Head. Introduction to the geographic study of natural hazards and disasters. Topics include: hurricanes, earthquakes, tsunamis, and volcanoes.

**410. Cultural Geography.** Credit 3 hours. Prerequisites: GEOG 103 and Junior standing or consent of the Department Head. A study of man-land relationships, with emphasis on the distribution of peoples and variations in cultural landscapes. (As Needed)

**423. Climate Change.** Credit 3 hours. Prerequisite: GEOG 103, ESSC 101, or ESSC 102. This course will provide an overview of the global climate change. Topics covered will include: the basic science of climate change, climate models, paleoclimatology, impacts of future climate change, and mitigation strategies. (As Needed)

**443/543. Advanced Applications of GIS.** Credit 3 hours. Prerequisite: GEOG 343/533 or consent of the Department Head. The course focuses on the use and applications of GIS techniques in solving practical geographic problems. Extensive hands-on experience with the various extensions of the ArcGIS© software package. One hour lecture and two hours lab per week. (As Needed)

**470/570. Advanced Remote Sensing.** Credit 3 hours. Prerequisite: GEOG 370/560 or consent of the Department Head. This course will cover the theory and application of image-processing techniques such as: data corrections, enhancements, transformations, and classification for digital imagery. One hour lecture and two hours lab per week. (As Needed)

**473/573. Raster GIS.** Credit 3 hours. Prerequisites: GEOG 443/543 and GEOG 470/570 or consent of the Department Head. An advanced course on the use of raster GIS for spatial query, problem analysis, modeling, and decision support. The remote sensing software packages, Imagine® and Imagine Analysis® by ERDAS, will be used to explore the procedures for processing digital satellite and air photo images and for developing modes for geographic analysis. One hour lecture and two hours lab per week. (As Needed)

**495/595. Special Topics Seminar.** Credit 3 hours. Prerequisites: Junior standing and consent of the Department Head. An in-depth study of selected topics in Geography that are not covered in existing courses. May be repeated for a total of six credit hours if content is different. (As Needed)

**698. Special Topics in Geography.** Credit 3 hours. Selected topics in areas not available in existing courses. May be new or unique issues or contemporary geographical topics relevant to various social and/or global issues. May be repeated for credit when different topics are studied. (As Needed)

## German (GERM)

**101. Elementary German I.** [LCCN: CGRM 1013, Elementary German I]. Credit 3 hours. The beginning course for students with no knowledge of German. All appropriate elements of basic language learning are utilized for the purpose of providing a foundation in the language and culture of the countries where German is spoken. Class work supplemented by aural-oral drill in the language laboratory. Offered as the first of four sequential courses (101, 102, 201, 202) designed to provide an overall desired proficiency. A laboratory fee is required for this course. (Fall, Spring)

**102. Elementary German II.** [LCCN: CGRM 1023, Elementary German II]. Credit 3 hours. Prerequisite: GERM 101 or equivalent. Continuation of GERM 101. A laboratory fee is required for this course. (Fall, Spring)

**201. Intermediate German I.** [LCCN: CGRM 2013, Intermediate German I]. Credit 3 hours. Prerequisite: GERM 102 or equivalent. Completion and review of basic elements of grammar. Introduction of reading material of moderate difficulty. A laboratory fee is required for this course (Fall, Spring)

**202. Intermediate German II.** [LCCN: CGRM 2023, Intermediate German II]. Credit 3 hours. Prerequisite: GERM 201 or equivalent. A course with emphasis on proficiency in reading and continuation of grammar review. A laboratory fee is required for this course (Fall, Spring)

**310. Advanced German Conversation.** Credit 3 hours. Prerequisite: GERM 202 or equivalent. Intensive practice of German conversation. Work will be based on a study of conversational strategies, aural comprehension practice, coaching in pronunciation, and analysis of cultural differences bearing on social interactions. A laboratory fee is required for this course. (As Needed)

**311. Advanced German Grammar and Composition.** Credit 3 hours. Prerequisite: GERM 202 or equivalent. Intensive grammar review and writing practice in German. Recommended for students

with a minor in German and for others who wish to perfect their language skills. A laboratory fee is required for this course. (As Needed)

**314. German Civilization.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. Five hundred years of German history, arts, literature, music and politics from the Reformation to modern Germany. Taught in English. A laboratory fee is required for this course (As Needed)

**370. Studies in German Postwar Cinema.** Credit 3 hours. A study of German postwar filmmakers in their confrontation with German history and postwar society. Taught in English; German language assignments for students minoring in German. A laboratory fee is required for this course. (As Needed)

**423. Special Topics in German Study.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head. A special topics course that offers a detailed analysis of a particular genre, movement, author, or topic. May be repeated for credit as topics vary. (As Needed)

## Health Sciences (HSCI)

**270. Applying Evidence to Improve Healthcare Outcomes.** Credit 3 hours. Students will build competencies in selecting, applying, and evaluating research methods in solving organizational problems or implementing outcome effectiveness strategies in healthcare organizations. This course provides an overview of the skills needed in daily operations for gathering statistical data used in planning and evaluating processes in the healthcare workplace. A laboratory fee is required for this course. (Fall)

**463. Special Topics in Interdisciplinary Global Health and Wellness.** Credit 3 hours. This course examines interdisciplinary global and multicultural health and wellness issues. Focused visits and corresponding projects in the student's major will be components of the course. May be repeated for 6 hours total credit. (As Needed)

**663. Special Topics in Interdisciplinary Global Health and Wellness.** Credit 3 hours. This course explores interdisciplinary global and multicultural health and wellness issues including: factors that influence the health and wellness of individuals and populations around the world; sources of global health information and services; and the role of healthcare professionals as providers and advocates for health and wellness of people in their communities and around the world. Focused visits and corresponding projects in the student's major will be components of the course. May be repeated for 6 hours total credit. (As Needed)

## Health Studies (HS)

The Kinesiology and Health Studies Department recommends that each student obtain a medical examination and be covered by an adequate accident and hospital insurance policy before participating in any of the programs of the department.

**131. Emergency Health Care.** Credit 2 hours. A course dealing with the cause and prevention of accident; the acquisition of sufficient knowledge to determine the nature and extent of injury; and sufficient skill to administer proper first aid. Includes a study of the American Red Cross program and the American Medical Association Medical Self-Help Training Course. (Fall, Spring)

**133. Healthy Lifestyles for the 21<sup>st</sup> Century.** Credit 3 hours. Prerequisite: Permission of the Department Head. Course is designed so that students learn the importance of identifying and applying steps for making decisions and taking responsibility for their own health-related learning and behaviors. Knowledge recall as well as more advanced learning skills are addressed in assignments and examinations. Students also become aware of a wide range of health resources, support services, and technology. (Fall, Spring)

**162. Drugs and Society.** Credit 3 hours. Students will know the incidence of drug use and abuse in society, pharmacology of selected drugs and principles of altering one's state of consciousness; will know where they stand as to their own drug use, be able to communicate attitudes about drugs; explore alternatives to substance abuse, and approaches to prevention and community resource. (Fall, Spring)

**232. Introduction to Elementary School Health and Physical Education.** Credit 3 hours. Prerequisites: EDUC 203 and 212. Overview of health and physical education issues and topics. Consideration will be given to the principles of state law and policies regarding health and physical

education. Introduction to curriculum content and activities in health and physical education. Two hours lecture and one hour laboratory per week. (As Needed)

**251. Health and Human Sexuality-Contemporary Perspectives.** Credit 3 hours. Emphasis will be placed on the relationship between personal health and human sexuality. The understanding of human sexuality through self-awareness, value clarification and decision-making will also be a concern. Students will be encouraged to reflect critically upon their feelings and attitudes toward their own sexuality and the sexuality of others in their cultural setting. (Fall, Spring)

**252. Health and Stress.** Credit 3 hours. Students will explore health problems related to stress and tension through analysis of causative and psycho-social stresses and intervening physiological mechanism. Particular emphasis is placed on prevention and control of stress through techniques such as exercise, neuro-muscular relaxation, biofeedback, and meditation. (Fall, Spring)

**300. Foundations of Health Education.** Credit 3 hours. Prerequisite: Sophomore standing. This course is designed to introduce students to health education and promotion. It will include the historical aspects of health and health education, ethics, CHES certification and responsibilities, theoretical foundations, health education settings, professional organizations, agencies and journals. (Spring)

**312. Community Health.** Credit 3 hours. Prerequisite: Sophomore standing. A course concerned with the important aspects of human ecology and conservation of human resources, environmental health, disease prevention and control, and community resources available to the population. Emphasis is placed upon major health problems of college years and early adulthood. (Fall, Spring)

**313. Healthcare Delivery Systems.** Credit 3 hours. Prerequisite: Junior Standing or permission of the Department Head. This course will examine the healthcare delivery system in the United States. It will examine the entire Continuum of Care and uses the construct of a fully integrated system as a means to evaluate the current system. Key issues confronting healthcare today will be explored. (Fall, Spring)

**315. Study of Human Diseases.** Credit 3 hours. Prerequisites: HS 133, ZOO 250, and ZOO 252. The course builds on an understanding of human anatomy and physiology, and integrates the study of human disease with focus on risk factors, clinical manifestations, pathology, and prevention. Common disease states in the adult population will be studied. The intent of the course is to prepare health educators to identify, screen, and teach populations at risk. (Spring)

**331. Health Information and the Media.** Credit 3 hours. Design and production of education materials. Review fundamentals of computer multimedia presentations. Methods of planning, implementing, and evaluating multimedia presentations. (Fall, Spring)

**335. Contemporary Women's Health and Wellness.** Credit 3 hours. Prerequisite: Sophomore standing. This course will identify a broad range of health issues that are unique to or of special importance to women, and will also examine the roles women play as both providers and consumers of health care. The student will be provided with the opportunity to explore health care issues of women throughout the lifespan as well as assess their current health status or the health status of women around them. The course encourages student to examine their current health knowledge, attitudes, and behaviors and explore possibilities for self-improvement. Special attention will be given to current social, environmental, physical, mental, economic, lifestyle, political and human rights factors that influence women's health. (As Needed)

**340. Healthcare Law and Ethics.** Credit 3 hours. Prerequisites: HS 300, 312, or 313; and Junior standing or permission of the Department Head. The course will present government policies and guidelines related to the operation of health care systems. Emphasis will be placed on the implementation of healthcare and the responsibilities and ethics ascribed to healthcare managers. (As Needed)

**351. Health Problems of the Aging and Aged.** Credit 3 hours. Students will examine the psychological, physiological and socio-economic aspects of aging; sexuality; death, dying, and bereavement; self-actualization and creativity; health needs and crisis; and medical-care programs. (Fall, Spring)

**360. Introduction to Epidemiology.** Credit 3 hours. Prerequisites: Junior standing, MATH 241, and HS 133, or permission of Department Head. An introduction to the study of distribution of health events in human populations. Methods of assessing health states in populations by the use of morbidity and mortality data. Includes disease tracking and control methods for use in health care decisions. Major types of epidemiological investigations are also studied. (Fall)

**361. Introduction to Environmental Health.** Credit 3 hours. Prerequisite: Sophomore standing. This course will cover environmental health issues at local, state, national, and international levels.

Benefits of and advances in environmental health will be studied as well as limitations in this current science. (As Needed)

**362. Promoting Health in the Worksite.** Credit 3 hours. Prerequisites: Junior standing and HS 133 or permission of Department Head. Introduction to the design and implementation of health programs in a variety of worksite settings. Attention to concerns of administrative and staff support, recidivism, specific interventions, and policy. (Fall, Spring)

**401. Health Instruction.** Credit 3 hours. Prerequisites: HS 300 or HS 312 or EPSY 301; and HS 133; and HS 162 or 251 or 252. This course will examine different strategies and methods that can be used in health education in various settings, including schools, communities and worksites. This course is designed primarily for Kinesiology and Health Studies majors. Students in other majors who wish to enroll must receive permission from the KHS Department Head. Consideration is given to elementary and secondary school as well as adult content selection; implementation, and evaluation procedures. Includes preparation and presentation of selected health topics. Teaching strategies and basic principles of health education are emphasized. (Spring)

**410. Internship in Health Education and Promotion.** Credit 3-6 hours. A senior-level internship during which students engage in practical experience in the field. A minimum of 320 field-based hours is required for course completion. Detailed requirements are provided in the catalogue in the Department of Kinesiology and Health Studies section. May be repeated for a total of six hours. A laboratory fee is required for this course. (Fall, Spring)

**420. Health Promotion Program Planning.** Credit 3 hours. Prerequisites: Junior standing and HS 133, and either HS 162, 251, or 252, and either HS 300 or 312, or permission of Department Head. A course for the individual desiring to become a health educator. An exploration of the knowledge and skills required for effective professional health education practice. Includes an introduction to current theory, and concept; methods of assessing, planning, implementing, and evaluating health education/promotion programs; ethical issues; plus professional competencies and credentialing. (Fall)

**430. Health Consumerism and Introduction to Complementary and Alternative Modalities for Health Professionals.** Credit 3 hours. An exploration of alternative and complementary healthcare treatments and therapies covering a broad range of healing philosophies. Students will examine safety and effectiveness, practitioner expertise, service delivery and cost. Current research conducted by the National Center of Alternative and Complementary Health will be investigated. (As Needed)

**435. Healthcare Administration.** Credit 3 hours. Prerequisites: HS 300, 312, or 313; and Junior standing or permission of the Department Head. This course will introduce concepts, principles, and practices of healthcare administration. Students will develop their knowledge in areas including negotiation, leadership, organizational design, organizational culture, how people work in organizations and strategy. (As Needed)

**439. Spirituality and Health.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. An exploration of the influences of spirituality on aspects of health and disease. Through a combination of class discussion, group activities, guest speakers, and self-reflection, students will identify the relationship between spirituality, illness, and health promotion. (As Needed)

**440. Research Methods in Health Sciences.** Credit 3 hours. Prerequisites: Junior standing, and either HS 300 or HS 312, or permission of the Department Head. This course introduces students to research theory and methods of the health science field. The research methodologies covered in this class are applicable to all disciplines of the health science field. Students will learn the entire process for conducting and evaluating scientific research. (Spring)

**453. Health Assessment and Promotion.** Credit 3 hours. Prerequisites: Junior standing, HS 133, and either ZOO 250 or ZOO 251, or permission of the Department Head. An examination of the cause, identification and control of selected lifestyle diseases. Emphasis is placed on risk factor assessment and health screening methodologies. A laboratory fee is required for this course. (Fall, Spring)

**454. Health Coaching for Behavior Change.** Credit 3 hours. Prerequisites: Junior standing and HS 133 or permission of Department Head. Students will explore and apply principles of modifying health behaviors on an individual, group, and community level for the prevention of health problems or the adoption of healthy lifestyles. Emphasis is placed on introducing the role of the Health Coach and the use of Motivational Interviewing and counseling skills for assisting others in confronting personal health concerns. (Fall, Spring)

**461. The School Health Program.** Credit 3 hours. Prerequisites: HS 131, 133 and Junior standing. A study of administrative policies, procedures and principles essential to the development and implementation of a comprehensive school health program. (Fall)

**462. Health Seminar.** Credit 3 hours. Prerequisite: Junior standing. Course identified by description each semester offered. May be repeated as topics vary. (As Needed)

**601. Statistical Methods in Health Studies.** Credit 3 hours. Special parametric and non-parametric statistics applicable to research techniques in health studies. (Fall)

**603. Contemporary Problems and Issues in Health.** Credit 3 hours. Identification and study of current problems and issues in health and health education. Extensive reading and critical analysis of literature required. (As Needed)

**606. Introduction to Research.** Credit 3 hours. Prerequisite: HS 601. Principles, procedures, and techniques of research with an intensive survey of current scientific investigations in the areas of health. Special attention is given to practical application. (Spring)

**610. Health Education Curriculum and Instruction.** Credit 3 hours. Prerequisites: HS 638 and one of the following: HS 617, 619, 620, 621, 622, 624, 626, 627, 628, 629, or 636, or permission of the Department Head. This course will prepare graduate students with the necessary competencies for evaluating health education curricula and for developing health instructional units for teaching health in various settings such as schools, community, and work-sites. Graduate students will learn how to write and evaluate lesson plans using computer technology and instructional methods that are age and developmentally appropriate and demonstrate teaching competencies during field experiences. (As Needed)

**611. Environmental Health.** Credit 3 hours. This course will survey local, state, national and international environmental health issues. Emphasis will be placed on environmental stewardship including health advocacy. (As Needed)

**617. Spiritual Health: Research and Programming in Health Promotion.** Credit 3 hours. The focus of this class is to review current research in the field of spiritual health and its application in health promotion programming. Emphasis will be placed on an evaluation of current literature, a review of current assessment tools, and the process of integrating spiritual health into current health promotion programming. (As Needed)

**619. Traditional and Complementary/Alternative Health Practices.** Credit 3 hours. An exploration of the traditional health care fields including allopathic/osteopathic health care plus a variety of alternative and complementary healthcare treatments and therapies. This course will include information about health consumerism and current healthcare insurance issues. Current research conducted by the National Center for Complementary and Alternative Medicine will be investigated. (As Needed)

**620. Drug Education Programming.** Credit 3 hours. A study of overall drug use and abuse in our society, especially among youth. Particular attention will be given to the historical foundations of drug prevention and a review of successful drug prevention programs. Includes drug education curriculum development and evaluation strategies. (As Needed)

**621. Sexuality Education Programming.** Credit 3 hours. The acquisition of human sexuality information and an exploration of personal values and current sexuality research. Includes sexuality education curriculum development and evaluation strategies. (As Needed)

**622. Stress Management Programming.** Credit 3 hours. Of importance will be the mind-body connection or the psycho-physiological effects of stress on health. Emphasis will be placed on prevention of stress and demonstration of a variety of strategies to control stress and tension. Includes stress management program development and evaluation strategies. (As Needed)

**624. Health Counseling.** Credit 3 hours. To provide health care provides educators and counselors the opportunity to develop skills and knowledge to advise students and clients confronted with personal health concerns. (As Needed)

**626. Health Aspects of Aging, Death and Dying.** Credit 3 hours. Students will examine the physiological, psychological, and socio-economic aspects of aging, death and dying. Special consideration will be given to health needs and crisis, medical-care programs, wellness lifestyles, self-actualization and creativity, death, dying, and bereavement. (As Needed)

**627. Current Health Practices and Preventive Medicine.** Credit 3 hours. This course will apply unified concepts of health and disease, including the body, mind and spirit, to a sound philosophy of the personal obligation to preserve one's own health; examine holistic approaches to health care and delivery and health behavior by addressing the biological, psycho-social, and environmental factors



which emphasize the prevention of disease and maintenance of optimum health; analyze the application of wellness programs to business, industrial and educational settings. (As Needed)

**628. Health Seminar.** May be repeated as topics vary. Credit 3 hours. Course identified by description each semester offered. (As Needed)

**629. Health Seminar.** May be repeated as topics vary. Credit 3 hours. Course identified by description each semester offered. (As Needed)

**632. Independent Research.** Credit 3 hours. Prerequisite: Must be a graduate student in the Health and Kinesiology Master of Arts program and have taken at least 9 hours of graduate course work including HS 601 or 606, or permission of the Department Head. Student will demonstrate research design and literature review competency. If a research study is implemented, student must obtain appropriate IRB approval. (Fall, Spring)

**634. Independent Reading.** Credit 3 hours. Prerequisites: Must be a graduate student in the Health & Kinesiology Master of Arts program and have taken at least 9 hours of graduate course work, or permission of the Department Head. Directed study of the professional and research literature in an area of health not covered in other courses. (Fall, Spring)

**635. Worksite Health Promotion.** Credit 3 hours. An analysis of strategies for planning, implementation, and evaluation of health promotion programs in worksite settings. Topics include: successful worksite models, assessing corporate culture, screening approaches, and legal issues. (As Needed)

**636. Nutrition for Health and Physical Performance.** Credit 3 hours. Prerequisite: Basic nutrition or permission of the Department Head. Principles of nutrient metabolism and their role and function in the maintenance of health and prevention of disease. Development of nutritional plans for specific conditioning, including dietary concerns for those in physical performance programs. Credit may not be received for both HS 636 and KIN 636. (As Needed)

**637. Epidemiology.** Credit 3 hours. Prerequisite: HS/KIN 601 or permission of Department Head. Covers the principles and methods of epidemiology. Includes research designs and methods used to study and describe disease occurrence. Develops skills in obtaining, evaluating and interpreting research findings and other population data sources. (As Needed)

**638. Program Planning and Evaluation.** Credit 3 hours. Analysis of planning models and diagnostic techniques used to design programs in a variety of settings. Emphasis on systematic analysis of needs, establishment of objectives and development of evaluation strategies. (As Needed)

**646. Grant Proposal Writing.** Credit 3 hours. Focuses on the necessary competencies and skills of writing and submitting proposals and evaluating and administering grants for health education, allied health, kinesiology and related fields including schools, communities and work sites. (As Needed)

**710. Internship in Health Promotion.** Credit 3-6 hours. Prerequisite: Permission of the Department Head. A field work experience that provides an opportunity for students to perform all the health promotion activities that a regularly-employed staff member would be expected to perform. The purpose is to prepare professionals with practical skills for promoting health-enhancing strategies in others. A laboratory fee is required for this course. (Fall, Spring)

**770. Thesis.** Credit 1-6 hours each semester, with 6 hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. Prerequisites: HS 601 and 606 or 607. (Fall, Spring)

## Health Systems Management (HSM)

**200. US Healthcare Organization and Delivery.** Credit 3 hours. This course is an overview of how healthcare is organized, delivered, and financed in the United States. It traces the historical evolution in political, economic, cultural, and social contexts, including the distribution and access to medical and other services, the roles of public and private insurance and healthcare benefits, licensure and accreditation, quality, and reimbursement; access to healthcare, federal healthcare and legislative programs; and trends in healthcare delivery. (Summer)

**210. Principles of Healthcare Management.** Credit 3 hours. This course enables students to learn concepts and theories in healthcare management; develop the basic management skills and the ability to work productively with others; develop skills in using materials and reference, tools and/or technology central to healthcare management; and to integrate healthcare theory with real world problems. (Summer)

**220. Healthcare Policy and Reform.** Credit 3 hours. This course provides an overview of the history and structure of the American healthcare system, including the history of employment-based health insurance, the challenges surrounding access, cost and quality, and the medical malpractice conundrum. Discussions include the history and challenges of healthcare reform. (Fall)

**240. Human Resource Management for Health Care.** Credit 3 hours. Students will critically evaluate the healthcare human resources in the dynamic healthcare environment. Organizations' challenges of the future healthcare marketplace include garnering, managing, and developing personnel, keeping current on legalities, and making decisions given the economic, environmental, and societal needs will be discussed. Healthcare issues in human resources including the role of information technology, unions, compensation and benefits, and specific healthcare labor laws will be included. (Fall)

**250. Principles and Practices of Case Management.** Credit 3 hours. Students will explore the role of the case manager in a managed care environment. Principles of practice, historical and philosophical framework, roles and responsibilities of the case manager, models of case management, teambuilding and collaborative relationships, disease management, and quality and outcomes management are all addressed. (Fall)

**260. Introduction to Quality Performance in Healthcare.** Credit 3 hours. Students will explore the evolution of healthcare quality concepts and efforts, and explore the social, governmental, regulatory, and professional pressures that have driven the healthcare quality field. Emphasis will be placed on application of theory to practice for components of quality improvement programs and strategies within a healthcare setting. (Fall)

**350. Healthcare and Regulatory Law.** Credit 3 hours. Prerequisites: HSM 200 and HSM 210 or permission of Department Head. This course builds competencies in applying conceptual aspects of legislation, law, regulations, and standards in health, informatics, evaluating legal aspects of risk management and quality improvement initiatives, applying ethics to health information management, and analyzing how compliance requirements impact healthcare organizations. (Spring)

**355. Healthcare Reimbursement Systems.** Credit 3 hours. Prerequisites: HSM 200 and HSM 210 or permission of Department Head. This course introduces financial management of healthcare services and focuses on identification of costs and care and payment systems for medical services, explains the impact of benefit design on provider and patient behavior with particular focus on managed care versus fee for service models, and reviews data sources and their applicability to economic analysis, including inpatient billing and cost-accounting systems. (Spring)

**365. Healthcare Quality Safety Measurement and Outcomes Analysis I.** Credit 3 hours. Prerequisites: HSM 200 and HSM 210 or permission of Department Head. This course establishes a basis for critical analysis of issues in healthcare quality and safety and presents conceptual and scientific approaches to management. (Spring)

**370. Integrated Care and Health Systems.** Credit 3 hours. Prerequisites: HSM 200 and HSM 210 or permission of Department Head. Students will explore managed care from various perspectives and the progression of healthcare to managed care including various structures and components of the managed care system. Four key perspectives will be discussed including the healthcare provider, health system, employer, and consumer and their unique attributes, challenges, and operational issues. An analysis with application of managed care operations, including payment and reimbursement systems, legal issues including information brokering, privacy of information, and retrieval of information, clinical and business applications of information technology, contract negotiation, benchmarking, and outcomes management within various healthcare settings will be highlighted. (Spring)

**375. Data Management.** Credit 3 hours. Prerequisites: HSM 200 and HSM 210 or permission of Department Head. Students will learn the skills and competencies in health data structures, usage, and data collection tools, data quality assessment and integrity, types and content of health records, and health information standards and regulations for documentation. (Spring)

**400. Introduction to Healthcare Finance.** Credit 3 hours. Prerequisites: HSM 200 and HSM 210 or permission of Department Head. An introduction to healthcare reimbursement systems, the regulatory environment, general accounting, cost concepts, product costing, strategic planning and an introduction to the operating budget. Emphasis will be on understanding and interpreting financial information, concepts and techniques of financial analysis and the decision-making process in the healthcare environment. (Summer)

**410. Health Informatics.** Credit 3 hours. Prerequisites: HSM 200 and HSM 210 or permission of Department Head. An introduction to project planning, management, evaluation, and the adoption of

new technologies in diverse healthcare settings. Topics include competencies in evaluating medical practice workflow and functional needs of end-users, evaluating data infrastructure and information technology processes and systems, and analyzing the fiscal and human resource commitment needed in all phases of implementing and adopting new technologies. (Summer)

**420. Healthcare Innovation: Managing Effectively in a Changing Environment.** Credit 2 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. An exploration of healthcare reform, including the impacts and considerations of HIPPA, the enabling roles that process design and improvement and information technology play in helping organization meet meaningful use criteria; and the importance of leveraging organizational change management to help the people in organizations quickly adopt and efficiently use new processes and technology. (Fall)

**430. Institutional Collaboration and Communication in Healthcare.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. This course will discuss the importance of communication and the connection between communication and medical error, the standards of effective communication, national and institutional patient safety goals, strategies for information exchange. Students will be able to identify barriers, tools, strategies and outcomes to effective collaboration and communication. (Fall)

**433. Strategic Management in Healthcare Organizations.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. A detailed study of the development and implementation of strategy and market positioning by healthcare organizations in the changing healthcare marketplace and stresses practical approaches to articulate an organization's mission and vision with strategies to meet external and internal situations. Topics include: external and internal assessment, strategy development and implementation, market positioning, organizational structure to support strategy, provider-purchaser relationships, and governance and management structures. (Fall)

**436. Systems Analysis.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. This course prepares individuals to apply programming and systems analysis principles to the selection, implementation, and troubleshooting of customized computer and software installations in a healthcare setting. Topics include: computer hardware and software; compilation, composition, execution, and operating systems; low- and high-level languages and language programming; programming and debugging techniques; installation and maintenance testing and documentation; process and data flow analysis; user needs analysis and documentation; cost-benefit analysis; and specification design. (Fall)

**439. Leadership Skill Development for the Mid-Level Manager.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. An exploration of individual leadership styles, the characteristics of effective leaders and ways to develop personal goals and strategies for becoming a more effective leader of healthcare teams. Specific leadership concepts include: operational (team performance, commitment and motivation, delegation, and time and stress management); relational (communications, negotiation and conflict management, coaching, and counseling and interviewing); analytic (budgeting, managing financial and human resources, strategic thinking and decision making, and evaluating organizational and personal resources). (Fall)

**442. Performance Initiatives.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. A discussion of performance initiatives aimed at improving the quality, efficiency, and overall value of healthcare. Specific topics include: feasibility, defining performance, program development, performance evaluation methods, and administration of performance appraisals. These arrangements provide financial incentives to hospitals, physicians, and other healthcare providers to carry out such improvements and achieve optimal outcomes for patients. (Spring)

**445. Tools and Methods for Healthcare Quality and Safety Improvement.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. A detailed study of system-thinking methods and how systems' thinking is applied within the healthcare system. This course provides tools and methods for improving quality and safety within the healthcare system. (Fall)

**448. Risk Management.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. A discussion of general and high-risk management strategies within the healthcare industry such as legal concepts, development of risk management programs and effective governance. Topics include: risk financing, ethics, patient communication, credentialing of providers, contract review concepts, employment liability, and patient and occupational safety. (Fall)

**451. Research & Evaluations Methods for Quality and Safety Improvement.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. A review of health services research methodology and its application in evaluation of healthcare programs, including quality and safety improvement and interventions. (Fall)

**454. Healthcare Quality and Safety Measurement and Outcomes Analysis II.** Credit 3 hours. Prerequisites: HSM 365, HSM 400, and HSM 410, or permission of Department Head. A critical analysis of issues in healthcare quality and safety and conceptual and scientific approaches to management. This course requires demonstrated competencies in analyzing how quality improvement programs are developed, implemented, and improved; and skills necessary for management in the healthcare environment. (Spring)

**467. Care Coordination in the Community.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. This course focuses on the comprehensive identification and indexing of community resources across the life span in a wide variety of settings such as family welfare organizations, disability services, youth services, child protection and community health services, vocational services, and employment. (Fall)

**470. Specialty Practices in Care Management.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. An examination of the care components of patient assessment, planning of care, coordinating and facilitating care plans for patients, working within and across the continuum of care, evaluating care provided, reassessing, mapping of care, evaluation, cost and quality containment strategies and patient advocacy. Specific topics include history and advocacy of case management best practices, insurance and alternative finance options, resource utilization management, and life care planning. (Fall)

**480. Project Management Fundamentals in Healthcare Systems.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. The focus of this course is to provide students an overview of various healthcare systems and projects associated with these systems. This course reviews the basics of project management and includes hands-on application through a work-related project. Students learn to maximize time, money and personnel by using efficient techniques for managing projects in the healthcare systems. (Spring)

**481. Project Management Fundamentals in Healthcare Quality Improvement.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. The focus of this course is to provide students with the history of healthcare quality improvement and an overview of various healthcare quality improvement initiatives. This course reviews the basics of project management and includes hands-on application through a work-related project. Students learn to maximize time, money and personnel by using efficient techniques for managing projects in healthcare quality improvement programs. (Spring)

**482. Project Management Fundamentals in Care Coordination.** Credit 3 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. The focus of this course is to provide students an overview of the roles and responsibilities of the healthcare coordinator and a review of significant care coordination initiatives. This course reviews the basics of project management and includes hands-on application through a work-related project. Students learn to maximize time, money and personnel by using efficient techniques for managing projects in the healthcare coordination programs. (Spring)

**497. Internship in Healthcare Management.** Credit 8 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. This is a senior-level internship where students engage in practical experiences in the field. A minimum of 320 hours is required. Students will demonstrate the ability to apply concepts, methods and theories of healthcare management in a healthcare setting. (Spring)

**498. Internship in Healthcare Quality Improvement.** Credit 8 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. This is a senior-level internship where students engage in practical experiences in the field. A minimum of 320 hours is required. Students will demonstrate the ability to apply concepts, methods and theories of healthcare quality improvement in a healthcare setting. (Spring)

**499. Internship in Care Coordination.** Credit 8 hours. Prerequisites: HSM 400 and HSM 410 or permission of Department Head. This is a senior-level internship where students engage in practical experiences in the field. A minimum of 320 hours is required. Students will demonstrate the ability to apply concepts, methods and theories of medical case management in a healthcare setting. (Spring)

## History (HIST)

**101. Western Civilization to 1500.** [LCCN: CHIS 1013, Western Civilization I]. Credit 3 hours. No prerequisites. A survey of Western Civilization from prehistoric times to 1500. Four units on the Ancient Near East; the Ancient Greeks; the Ancient Roman World; and the Middle Ages. Includes in-depth coverage of the role of women. Lectures and readings. (Summer, Fall, Spring)

**101H. Western Civilization to 1500 for Honors Students.** Credit 3 hours. Prerequisite: Authorization by the Director of the Honors Program. A survey of Western Civilization from prehistoric times to 1500. Four units on the Ancient Near East; the Ancient Greeks; the Ancient Roman World; and the Middle Ages. Includes in-depth coverage of the role of women. Lectures, readings, and seminar-style discussions. (Fall)

**102. Western Civilization since 1500.** [LCCN: CHIS 1023, Western Civilization II]. Credit 3 hours. No prerequisites. A survey of Western Civilization from 1500 to the present. Four units on the Renaissance and Reformation (to 1610); Absolutism and Enlightenment (1610-1789); Revolutions and Nationalism (1789-1914); and Modern Europe (1914-present). Includes in-depth coverage of the role of women. Lectures and readings. (Summer, Fall, Spring)

**102H. Western Civilization since 1500 for Honors Students.** Credit 3 hours. Prerequisite: Authorization by the Director of the Honors Program. A survey of Western Civilization from 1500 to the present. Four units on the Renaissance and Reformation (to 1610); Absolutism and Enlightenment (1610-1789); Revolutions and Nationalism (1789-1914); and Modern Europe (1914-present). Includes in-depth coverage of the role of women. Lectures, readings, and seminar-style discussions. (Spring)

**107. World Civilization to 1877.** Credit 3 hours. This class examines the developments and interactions among Asian, African, European, American, and Oceanian cultures in the pre-modern age. This course also offers a consideration of issues related to the connections and relationships that shaped the civilizations as a result of migration, war, and commerce before 1500. Includes in-depth coverage of the role of women. Lectures and readings. (Summer, Fall, Spring)

**108. World Civilizations since 1877.** Credit 3 hours. This class examines the developments and interactions among Asian, African, European, American, and Oceanian cultures in the modern age. This course also offers a consideration of issues related to the connections and relationships that shaped the civilizations as a result of migration, war, and commerce before 1500. Includes in-depth coverage of the role of women. Lectures and readings. (Summer, Fall, Spring)

**201. American History to 1877.** [LCCN: CHIS 2013, American History I]. Credit 3 hours. No prerequisites. A survey of American history from the age of discovery to 1877. Four units on the Colonial Period (1492-1763); the Revolution and the Early National Period (1763-1816); the Age of Compromise (1816-50); and the Civil War and Reconstruction (1850-77). Includes in-depth coverage of the role of women and minorities. Lectures and readings. (Summer, Fall, Spring)

**201H. American History to 1877 for Honors Students.** Credit 3 hours. Prerequisite: Authorization by the Director of the Honors Program. A survey of American history from the age of discovery to 1877. Four units on the Colonial Period (1492-1763); the Revolution and the Early National Period (1763-1816); the Age of Compromise (1816-50); and the Civil War and Reconstruction (1850-77). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and seminar-style discussions. (Fall)

**202. American History since 1877.** [LCCN: CHIS 2023, American History II]. Credit 3 hours. No prerequisites. A survey of American history since 1877. Four units on the Emergence of Modern America (1877-1917); World Wars and the New Deal (1917-45); the Cold War and Civil Rights (1945-76); and the New World Order (1976-present). Includes in-depth coverage of the role of women and minorities. Lectures and readings. (Summer, Fall, Spring)

**202H. American History since 1877 for Honors Students.** Credit 3 hours. Prerequisite: Authorization by the Director of the Honors Program. A survey of American history since 1877. Four units on the Emergence of Modern America (1877-1917); World Wars and the New Deal (1917-45); the Cold War and Civil Rights (1945-76); and the New World Order (1976-present). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and seminar-style discussions. (Spring)

**321. History of Louisiana.** [LCCN: CHIS 2033, Louisiana History]. Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A survey of Louisiana history from the age of discovery to the present. Three units on Colonial Louisiana; 19th-Century Louisiana; and Modern

Louisiana. Includes in-depth coverage of the role of women and minorities, with particular attention to African-American and Cajun influence. Lectures, readings, and discussions. (Summer, Fall, Spring)

**322. Practicum for Education Majors.** Credit 1 hour. A practicum for Education majors that will provide supervised direct teaching hours in Social Studies prior to student teaching. Social Studies majors must register for HIST 321 and 322 concurrently. Direct teaching hours will be structured to meet the particular needs of the students and the cooperating school(s). Minimum of twenty hours of field experience required. (Summer, Fall, Spring)

**323. Field Experience for Social Studies Education Majors.** Credit 3 hours. A field experience class for Education majors that will provide supervised direct teaching hours in Social Studies prior to student teaching. (Fall, Spring)

**403. Independent Study.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. Conducted as a tutorial for individual students seeking additional work beyond the introductory level. Readings chosen according to student interest, academic orientation, and level of preparedness. Evaluations conducted on the basis of discussions and written assignments. May be repeated once but Department Head approval is required to count more than 3 hours toward the B.A. in History. (As Needed)

**409/509. A History of Ancient Greece.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Greek civilization from the Minoan period to the conquest of Greece by the Romans. Three units on Minoan, Mycenaean, and Dark Ages Greece (c.3000-800 B.C.); Classical Greece (c.800-362 B.C.); and Macedon, Alexander, and the Hellenistic Era (362-146 B.C.). Includes in-depth coverage of the role of women. Lectures, readings, and discussions. (Fall Odd Years)

**410/510. A History of Ancient Rome.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Roman civilization from the foundation of Rome to the death of the Emperor Justinian. Three units on the Monarchy and the Republic (origins to 31 B.C.); the Early Roman Empire (31 B.C.-284 A.D.); and the Later Roman Empire and the Byzantine Empire (284-565). Includes in-depth coverage of the role of women. Lectures, readings, and discussions. (Spring Even Years)

**416/516. The Early Middle Ages.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of medieval Europe from the fall of the western Roman Empire to c.1050. Three units on the Germanic Kingdoms (476-687); the Carolingian Empire (687-843); and the Age of Invasions to c.1050. Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Fall Even Years)

**417. History of Science and Technology.** Credit 3 hours. Prerequisites: Junior standing or permission of the Department Head. Traces the development of scientific theories and the men who formulated and developed them from the days of ancient Greece through the Industrial and Technological Revolution to the Scientific Revolution of the twentieth century. (Fall Even Years)

**418/518. The Later Middle Ages.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of medieval Europe from the beginning of the High Middle Ages c.1050 to the fall of Constantinople and the end of the Hundred Years War in 1453. Three units on the European Recovery, the Crusades, and the 12th Century Renaissance; Europe in the 13th Century; and the Crisis of the 14th and Early 15th Centuries. Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Spring Odd Years)

**419/519. Renaissance Europe.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Renaissance Europe from 1380 to 1530, with emphasis on Italy's central role in propagating cultural change and in the international politics of the period. Three units on Renaissance Europe from its Origins to the Peace of Lodi (1380- 1454); Renaissance Europe from Lodi to the French Invasion (1454-94); and Renaissance Europe from the French Invasion to the Sack of Rome (1454-1530.) Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Fall Odd Years)

**423/523. Reformation Europe.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the Reformation from its late medieval origins to the Treaty of Westphalia, with emphasis on doctrinal conflict, religious wars, social upheaval, and the new monarchy. Three units on the Early Reformation (origins-1555); Religious Wars and Absolutism (1555-1610); and the Thirty Years War and Related Conflicts (1610-1648). Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Spring Even Years)

**424/524. Europe in the Age of Reason, 1648-1789.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Europe from the end of the Thirty

Years War to the eve of the French Revolution. Three units on the Age of Louis XIV (1648-1715); the Enlightenment and the European State System (1715-48); and Enlightened Absolutism (1748-89). Includes in-depth coverage of the role of women. Lecture, readings, and discussion. (Fall Even Years)

**429/529. Europe During the French Revolution and Napoleonic Era, 1789 to 1815.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of European history from the outbreak of the French Revolution to the final defeat of Napoleon. Three units on the Origins and Outbreak of the French Revolution (to 1792); the Reign of Terror and the Thermidorean Reaction (1792-99); and the Napoleonic Era (1799-1815). Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Spring Even Years)

**433/533. Nineteenth Century Europe, 1815-1914.** Credit 3 hours. Prerequisite: Junior standing or Department Head. A detailed study of Europe from the Congress of Vienna to the outbreak of World War I. Three units on Reaction and Revolution (1815-48); Nationalism and Conflict (1848-71); and Democracy and Imperialism (1871-1914). Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Fall Odd Years)

**434/534. Modern European History, 1914 to the Present.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of European history from the outbreak of World War I to the present. Three units on World War I and its Aftermath (1914-28); the Rise of Totalitarianism and World War II (1928-45); and the Cold War and After (1945-present). Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Spring Even Years)

**437/537. Ancient and Medieval Britain.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the British Isles from the ancient world to 1485. Three units on Celtic, Roman, and Anglo-Saxon Britain (origins to 1066); the Anglo-Normans and the Early Plantagenets (1066-1272); the Later Plantagenets, Lancastrians, Yorkists, and the Wars of the Roses (1272-1485). Includes in-depth coverage of the role of women. Lectures, readings, and discussions. (Fall Odd Years)

**438/538. Tudor-Stuart Britain.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the British Isles from the accession of Henry VII in 1485 to the death of Anne in 1714. Three units on the Early Tudors and the English Reformation (1485-1558); Elizabeth, the Early Stuarts, and the Civil War (1558-1649); and the Interregnum, Restoration, and Glorious Revolution (1649-1714). Includes in-depth coverage of the role of women. Lectures, readings, and discussions. (Fall Even Years)

**439/539. Hanoverian and Victorian Britain.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the British Isles from the accession of George I in 1714 to the death of Victoria in 1901. Three units on the Age of Walpole and Pitt (1714-60); the Reign of George III (1760-1820); and the Victorian Era (1820-1901). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and discussions. (Fall Even Years)

**440/540. Modern Britain.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the British Isles from the rise of the Second Empire to the present. Three units on the British Empire and World War I (1900-20); Recovery, Depression, and World War II (1920-45); and Postwar Britain (1945-present). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and discussions. (Spring Odd Years)

**444/544. Ancient China and the Orient.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the origins of Chinese civilization, the concept of the Middle Kingdom, the Tributary System (primarily Japan, Korea, and Vietnam), the sources of Chinese traditionalism, and their impact on or contrast with neighboring Asian nations up to the Manchu conquest of the 17th century. Three units on the Origins and Emergence of Chinese Civilization and Philosophy; the Early Imperial Period; and Soong China and the Emergence on non-Han Powers. Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Fall Odd Years)

**445/545. Modern China and the Orient.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the development of China from the 17th century Manchu conquest through the struggle for democracy characterizing the period since the late 1980s, with special emphasis on the background and dynamics of the revolution and the impact of a destabilized China on neighboring Asian powers (primarily Japan, Korea, and Vietnam). Three units on Traditional China and the Manchu Intrusion; Internal Instability and the Western Intrusion; and

Revolution and the New World Order. Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Every 2 Years in Fall)

**446/546. History of Latin America to 1820.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Latin America from the European discovery in 1492 to the end of colonialism in 1820. Three units on the Preconquest Era; Conquest and Republicanism; and the Wars of Revolution. Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Spring Even Years)

**447/547. History of Latin America since 1820.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Latin America from the end of the colonial period to the rise of modern nations, with special emphasis on Latin America's relationship to the United States. Three units on Mexico, Central America, and the Caribbean 1820 to the Present; Venezuela and Colombia 1820 to the Present; and Argentina, Bolivia, Brazil, Chile, Ecuador, and Peru 1820 to the Present. Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Spring Even Years)

**448/548. History of the Caribbean Area.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the Caribbean area and its part in the history of the world from the European discovery to the present, with emphasis on international rivalries, independence of certain areas, and strategic geographic position in world affairs. Three units on the Preconquest Period to 1830; 1830 to 1890; and 1890 to the Present. Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Fall Even Years)

**449/549. History of Mexico.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Mexico from the colonial period to the present, with emphasis on the war for independence and its effect on modern Mexico. Three units on Preconquest and Spanish Conquest to 1810; Wars of Independence and the First Republic to 1850; Modern Mexico 1850 to the Present. Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Spring Odd Years)

**445/554. History of Modern Russia.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Russian History from the Bolshevik Revolution to the present. Three units on the Bolshevik Revolution (1900-28); the Stalin Era (1928-53); and From Soviet Superpower to Post-Communist Period (1953-present). Lectures, readings, and discussion. Includes in-depth coverage of the role of women. (Spring Odd Years)

**463/563. Local/Regional History.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head. A detailed study preparing students to uncover and present the comprehensive history of specific locales. (Fall Odd Years)

**466/566. Family History.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head. A detailed study of the bibliography and methodology of the field. Students will also prepare an analytical report considering the various sources available for family history. (As Needed)

**467/567. Introduction to Museum Practice.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the concerns and issues unique to working in museums. Students will learn the basics of research and interpretation involved in the design and preparation of exhibits. (As Needed)

**468/568. Women in European History.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the role of women in European society from the ancient world to the present. Three units on Women in the Ancient World and the Middle Ages (c.3000 B.C.-1500); Women in Early Modern Europe (1500-1789); and Women in the Modern World (1789-present). Lectures, readings, and discussion. (Every 2 Years in Fall)

**469/569. Women in American History, 1600 to the Present.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the role of women in American society, the image of women in popular literature, and American women's struggle for equal rights. Three units on Women in the Colonial Period; Women in 19th Century America; and Women in 20th Century America. Includes in-depth coverage of the role of minorities. Lectures, readings, and discussion. (Fall Odd Years)

**473/573. Colonial America, 1492-1763.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Colonial America from the age of discovery to the end of the French and Indian War. Three units on Discovery and Early Colonization (1492-1607); the Growth of American Colonies (1607-88); and the Era of Colonial Wars (1689 to 1763).



Includes in-depth coverage of the role of women and minorities. Lecture, readings, and discussion. (Fall Odd Years)

**474/574. The American Revolution, 1763-1791.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the American Revolution from the end of the French and Indian War to the ratification of the Constitution. Three units on the Origins of the Revolution (1763-76); the Revolutionary War (1776-83); and the Foundation of the Constitution (1783-91). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and discussion. (Spring Even Years)

**475/575. America in the Early National Period, 1788 to 1816.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the new American nation from the election of Washington to the end of Madison's presidency. Three units on the Federalist Period (1788-1800); the Jeffersonian Revolution (1800-08); and the Madison Era (1808-16). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and discussion. (Spring Odd Years)

**476/576. America in the Age of Compromise, 1816 to 1850.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of American history from the Missouri Compromise to the Compromise of 1850. Three units on Nationalism and Expansion (1816-28); the Age of Jackson (1828-36); and Expansion and Reform (1836-50). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and discussion. (Spring Odd Years)

**477/577. Civil War and Reconstruction, 1850 to 1877.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the sectional controversy in America. Three units on the Sectional Crisis (1850-60); the Civil War (1861-65); and Reconstruction (1865-77). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and discussion. Partial credit may be earned for this course (but for no more than one course per term) by attending the Deep Delta Civil War Symposium. (Fall Odd Years)

**478/578. The American Frontier.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A study of the American frontier from the colonial period to 1890, with emphasis on the Native American problem, the fur trade, mining, trade routes, and America's Western heritage. Includes in-depth coverage of the role of women and minorities. Three units on the Colonial Period to 1787; Nationhood to the Gold Rush (1787-1849); and the Late Frontier (1849-90). Lectures, readings, and discussion. (Spring Even Years)

**479/579. Emergence of the Modern United States, 1877-1917.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the development of the United States to the status of a world power, the rise of American industry, and political and intellectual developments. Three units on Industrialization and Westward Expansion (1877-88), Populism and Imperialism (1888-1900); Progressivism and World Power (1900-1917). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and discussion. (Fall Even Years)

**480/580. America, the World Wars, and the New Deal, 1917-1945.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the United States from its entry into World War I through its victory in World War II and its achievement of superpower status. Three units on World War I and the 1920s; the Great Depression and the New Deal; and World War II. Includes in-depth coverage of the role of women and minorities. Lectures, readings, and discussion. (Spring Odd Years)

**482/582. America in the Cold War and Beyond, 1945 to the Present.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of America's history as a superpower. Three units on the Origins of the Cold War (1945-60); the Vietnam Era (1960-75); and America as the Sole Superpower (1975-present). Includes in-depth coverage of the role of women and minorities. Lecture, readings, and discussion. (Fall Odd Years)

**483/583. Heritage Tourism.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head. A detailed study of the range of heritage tourism and the role of the historian. Students will address issues such as funding, historical authenticity, and audience. (As Needed)

**484/584. Audience and Media.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head. A detailed study of the key concerns for the public historian, audience and media, including how to tailor presentations to meet the needs of the audience as well as the benefits and limitations of various types of media. Students will also discuss the ethical complications of public presentation of historical subjects. (As Needed)

**485/585. Military History of America to 1865.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the battles and campaigns on land and sea in which American armed forces have participated from the colonial period to 1865. Three units on the Colonial Wars; the Revolutionary War, War of 1812, and Frontier Wars; and the Mexican War and Civil War. (Fall Even Years)

**487/587. Military History of America since 1865.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the battles and campaigns on land and sea in which American armed forces have participated since 1865. Three units on the Indian Wars and Spanish-American War; the World Wars; and Korea, Vietnam, and Beyond. (Spring Odd Years)

**488/588. Oral History Techniques.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A survey of the methodology for collecting and preserving oral history. Includes how to prepare and conduct interviews and to edit and index transcriptions. (As Needed)

**489/589. African-American History.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the role of African-Americans in American history from the age of discovery to the present. Three units on the Slave Era (c.1500-1865); Reconstruction, Reaction, and Jim Crow (1865-1945); and the Civil Rights Movement (1945-present). Includes in-depth coverage of the role of women. Lectures, readings, and discussion. (Spring Even Years)

**492/592. History of the Old South.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Southern history from the colonial period to 1865, with emphasis upon political, social, and economic development and slavery. Three units on the Colonial Period (1607-1787); the Antebellum South and Slavery (1788-1850); and the Secession Crisis and the Civil War (1850-65). Includes in-depth coverage of the role of women and minorities. Lectures, readings, and discussions. (Fall Even Years)

**493/593. History of the New South.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of Southern history since 1865, with emphasis upon reconstruction, industrialization, the changing status of African-Americans and Southern political leadership in post-Civil War America. Three units on Reconstruction and its Aftermath (1865-1900); the South in the Early 20th Century (1900-45); and the South, the Civil Rights Movement, and Beyond (1945-present). Lectures, readings, and discussions. Includes in-depth coverage of the role of women and minorities. (Spring Odd Years)

**494/594. History of the Holocaust.** Credit 3 hours. Prerequisite: Junior Standing or permission of the Department Head. A detailed study of the motives, choices, methods, actions and implications of the Holocaust. (As Needed)

**495/595. Crime in American History.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of major crimes and criminals in American history, with emphasis on 20th century crime. Special attention given to famous controversial crimes, such as the Lindbergh kidnapping case and the Manson murders. Special features include a history of organized crime in America, procedures of criminal investigation, and use of audio-visual materials. Three units on Historical Trends; Organized Crime; and Controversial Crimes. Lectures, readings, and discussion. (As Needed)

**496/596. The Kennedy Assassination.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of the assassination of President John F. Kennedy and the controversy about it. An examination of the main issues, the conspiracy, the role of the Federal government and organized crime, Lee Harvey Oswald, and Jack Ruby. Emphasis placed on analysis of primary source materials and such audio-visual materials as the Zapruder Film, the Dallas Police Tapes, and the JFK autopsy photographs. Three units on the Assassination; the Investigations; and the Controversy. Lectures, readings, and discussion. (Fall)

**497. Seminar for Undergraduates in Major Problems in American History.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A seminar style readings course designed to give students a general survey of the main events and important historiographical trends in American history from the colonial period to the present. Student presentations and seminar discussions emphasized. (Summer, Fall, Spring)

**498/598. Special Topics in History.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A detailed study of a topic selected by the Department Head. Topics and instructors will vary. May be repeated once, but the Department Head approval is required to count more than 3 hours towards the B.A. in History. (As Needed)

**600. Historical Research.** Credit 3 hours. An introduction to the sources and methods for historical research, proper writing style and documentation, and historiography. (Fall, Spring)

**602. Readings in History.** Credit 3 hours. An intensive program of independent readings in secondary literature on a topic approved in advance by the instructor. May be repeated, but no more than three hours may be applied toward the M.A. in History degree. (As Needed)

**605. Seminar in American History to 1800.** Credit 3 hours. An intensive survey of American history from the age of discovery to 1800. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentations and student-led seminar discussions emphasized. (Summer)

**606. Seminar in American History 1800 to 1900.** Credit 3 hours. An intensive survey of American history in the 19th century. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentations and student-led seminar discussions emphasized. (Fall)

**607. Seminar in American History Since 1900.** Credit 3 hours. An intensive survey of American history since 1900. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentations and student-led seminar discussions emphasized. (Spring)

**610. Seminar in Southern History.** Credit 3 hours. An intensive survey of Southern history from the colonial period to the present. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentations and student-led seminar discussions emphasized. (Fall)

**611. Seminar in Louisiana History.** Credit 3 hours. An intensive survey of Louisiana history from the colonial period to the present. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentations and student-led seminar discussions emphasized. (Spring)

**612. Seminar in American Military History.** Credit 3 hours. An intensive survey of American military history from the colonial period to the early twenty-first century. Study of primary sources and the historical literature, with student presentations and student-led discussion emphasized. (Fall)

**621. Independent Study in History.** Credit 3 hours. An intensive program of research in primary sources on a topic approved in advance by the instructor. May be repeated, but no more than three hours may be applied toward the M.A. in History degree. (As Needed)

**630. Seminar in the History of Western Thought.** Credit 3 hours. An intensive survey of Western thought from the ancient world to the present. Study of primary sources and the professional literature, with student presentations and student-led seminar discussions emphasized. (Spring)

**632. Introduction to Public History.** Credit 3 hours. This course serves as the cornerstone of the program and covers the opportunities and challenges for historians in the public arena. This is a historiographical course tracing the origins of public history and the variety of specialties within the field. One important unit within this course is the unique ethical concerns of the public historian. (As Needed)

**633. Public History Seminar.** Credit 3 hours. In this seminar students will create and critique extensive public history projects based on their experiences in previous courses. (As Needed)

**634. Seminar in Historic Preservation.** Credit 3 hours. The bulk of this course will be devoted to the production of a sizable research project within the field of historic preservation. (As Needed)

**635. Introduction to Historical Editing.** Credit 3 hours. The editing of manuscripts, transcriptions, and other historical and historiographical documents. In this class students will gain practical experience by editing documents and surveying the relevant literature. (As Needed)

**636. Introduction to Archival Practice.** Credit 3 hours. This course is designed to provide students with a broad overview of the theory and skills involved in archival practice. Students will visit local repositories, undertake projects in collection management, and study the ethical and historical issues guiding archival practice and management. (As Needed)

**637. Internship in Public History.** Credit 3 hours. An opportunity for students to gain valuable hands-on experience in a public history setting. Intern must work a minimum of twenty hours per week during a regular semester, a minimum of forty hours per week during a summer term, at times mutually agreeable to the individual and the agency. Any reading and paper requirements must be satisfied. All grade requirements and criteria will be established ahead of time by the faculty internship coordinator. (As Needed)

**641. Seminar in British History to 1485.** Credit 3 hours. An intensive survey of British history from the ancient world to 1485. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentation and student-led seminar discussions emphasized. (Summer Odd Years)

**642. Seminar in British History since 1485.** Credit 3 hours. An intensive survey of British history from 1485 to the present. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentation and student-led seminar discussions emphasized. (Summer Even Years)

**643. Seminar in Ancient European History.** Credit 3 hours. An intensive survey of European history from the origins of civilization to 500 A.D. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentation and student-led seminar discussions emphasized. (Fall Odd Years)

**644. Seminar in Medieval European History.** Credit 3 hours. An intensive survey of European history from 500 to 1500. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentations and student-led seminar discussions emphasized. (Fall Even Years)

**645. Seminar in Early Modern European History.** Credit 3 hours. An intensive survey of European history from 1500 to 1815. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentations and student-led seminar discussions emphasized. (Spring Even Years)

**646. Seminar in Modern European History.** Credit 3 hours. An intensive survey of European history from 1815 to present. Includes in-depth coverage of the role of women and minorities. Study of primary sources and the historical literature, with student presentation and student-led seminar discussions emphasized. (Spring Odd Years)

**655. Seminar in History and Political Science for Teachers.** Credit 3 hours. An intensive introduction to the sources, professional literature, and subject matter used in teaching history and political science at the middle and high school levels. May not be applied to the M.A. in History degree by students in the Thesis Option. May be repeated but Department Head approval is required to count for more than 3 hours to count toward the M.A. in History. (As Needed)

**698. Seminar in Selected Topics in History.** Credit 3 hours. An intensive survey of a topic selected by the instructor. Topics and instructors will vary from semester to semester. Study of primary sources and the historical literature, with student presentations and student-led seminar discussions emphasized. May be repeated but Department Head approval is required to count more than 3 hours toward the M.A. in History degree. (As Needed)

**770. Thesis Research and Thesis.** Credit 1-6 hours each semester, with six hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. (As Needed)

## Honors (HONR)

**191. Interdisciplinary Arts.** Credit 3 hours. Prerequisite: Active status in the University Honors Program; or a minimum ACT composite of 20 for non-Honors students with less than 12 hours; or a minimum cumulative GPA of 2.75 for non-Honors students with 12 hours or more. The course emphasizes processes of both artistic creation and critical analysis in dance, drama, music, and the visual arts. It can be used to satisfy a 3-hour arts requirement in most curricula. (Fall)

**300. Senior Thesis.** Credit 1 hour. Prerequisite: Completion the previous semester of a thesis project in a 300-400 level 3-hour Independent Study or other course in the student's major approved by the student's Department Head and the Honors Director. Limited to Honors students, Senior Thesis is a required course for an Honors Diploma. Each student pursuing an honors diploma must confer with the Honors Director in the junior year for approval of a thesis course to take in the fall semester of the senior year. Senior Thesis is a public forum scheduled in the spring for presentation of thesis projects completed the previous semester. On dates assigned by the Honors Director, students present results of their thesis projects and attend presentations by other honors students. (Summer, Fall, Spring)

**304. Ideas and Issues in Pure and Applied Sciences.** Credit 3 hours. Prerequisite: Sophomore standing with a GPA of 3.0 or higher, or consent of Honors director. Through reading, discussion, and oral presentation students will examine the many facets of a current or historical topic from the perspective of the Pure and Applied Sciences. (Fall Even Semesters)

**305. Ideas and Issues in Social and Behavioral Sciences.** Credit 3 hours. Prerequisite: Sophomore standing with a GPA of 3.0 or higher, or consent of Honors Director. Through reading, discussion, and oral presentations students will examine the many facets of a current or historical

topic from the perspective of the Social and Behavioral Sciences. HONR 305 may be used to satisfy a "Social Studies" or "Social Science" elective in any curriculum. (Spring Odd Year Semesters)

**311. Ideas in Conflict I: Ancient and Classical.** Credit 3 hours. Prerequisite: Sophomore standing with 2.75 or higher GPA; consent of the instructor for students with lower than 2.75 GPA. An interdisciplinary seminar for Honors and non-Honors students. Through reading, discussion, and oral reports students examine world-transforming debates found in texts of rhetoric, literature, and moral and political philosophy in the Greek, Roman, and Biblical eras. Concepts and language having to do with justice understood as a human virtue and a condition for social harmony are a primary emphasis of this course. HONR 311 may be substituted for a 100-300 communication course with approval of the Head of the Department in which a student is majoring; or it may be used to satisfy a "Humanities," "Social Studies," or "Social Science" elective in any curriculum. (Fall Odd Year Semesters)

**312. Ideas in Conflict II: Medieval and Renaissance.** Credit 3 hours. An interdisciplinary seminar for Honors and non-Honors students. Prerequisite: Sophomore standing with 2.75 GPA. Through reading, discussion, and oral reports students examine world transforming debates found in texts of philosophy, theology, politics, and foundations of science in the medieval through early modern eras. Concepts of nature understood in ethical, political, and scientific terms are a primary emphasis of this course. HONR 312 may be substituted for a 300-400 level philosophy course with approval of the Head of the Department in which the student is majoring; or it may be used to satisfy a "Humanities," "Social Studies," or "Social Science" elective in any curriculum. (Spring Even Year Semesters)

**313. Ideas in Conflict III: Enlightenment and Romantic.** Credit 3 hours. An interdisciplinary seminar for Honors and non-Honors students. Prerequisite: Sophomore standing with a 2.75 or higher GPA; consent of the instructor for students with lower than 2.75 GPA. Through reading, discussion, and oral reports students examine world-transforming debates found in texts of political philosophy, history of ideas, literature, and theory of education. Ideas and terminology having to do with political right, social obligation, and individual development and responsibility are a primary emphasis of this course. HONR 313 may be substituted for a 200-400 political science course with approval of the Head of the Department in which the student is majoring; or it may be used to satisfy a "Humanities," "Social Studies," or "Social Science" (Fall Even Year Semesters)

**314. Ideas in Conflict IV: Twentieth Century.** Credit 3 hours. An interdisciplinary seminar for Honors and non-Honors students. Prerequisite: Sophomore standing with 2.75 or higher GPA; consent of the instructor for students with lower than 2.75 GPA. Through reading, discussion, and oral reports students examine world-transforming debates found in texts of psychology, philosophy, science, and literature of major significance in our own time. Concepts of the human psyche as a native endowment and a product of culture are a primary emphasis of this course. HONR 314 may be substituted for a psychology course with approval of the Head of the Department in which the student is majoring; or it may be used to satisfy a "Humanities," "Social Studies," or "Social Science" elective in any curriculum. (Spring Odd Year Semesters)

**401. Ideas and Issues in Arts and Humanities.** Credit 3 hours. Prerequisite: Sophomore standing with a GPA of 3.0 or higher, or consent of Honors Director. Through reading, discussion, and oral presentations students will examine the many facets of a current or historical topic from the perspective of the Arts and Humanities. HONR 401 may be used to satisfy a "Humanities" elective in any curriculum. (Fall Odd Year Semesters)

**402. Ideas and Issues in Business and Finance.** Credit 3 hours. Prerequisite: Sophomore standing with a GPA of 3.0 or higher, or consent of Honors Director. Through reading, discussion, and oral presentation students will examine the many facets of a current or historical topic from the perspective of Business and Finance. (Spring Even Year Semesters)

**441. Interdisciplinary Independent Study.** Credit 3 hours. Prerequisite: Active status in the University Honors Program or, for non-Honors students, a minimum cumulative GPA of 2.75. A student pursues independent study of an interdisciplinary topic under the guidance of one or more professors. Advance approval by the professor(s) is required. The course topic must not duplicate existing departmental Independent Study courses. A student may take no more than 9 hours for credit in 300 and 400-level Honors interdisciplinary courses. (As Needed)

## Horticulture (HORT)

**100. Consumer Horticulture.** Credit 3 hours. Care and culture of indoor and outdoor plants, including their use in the home landscape. One hour of lecture and four hours of laboratory per week. (As Needed)

**115. Basic Floral Design.** Credit 3 hours. Basic elements and design principles of contemporary flower arranging with domestic and commercial applications. Students will be responsible for cost of supplies, the amount of which will depend upon the number of creations and price level. One hour of lecture and four hours of laboratory per week. (As Needed)

**232. General Horticulture.** Credit 3 hours. Prerequisites: GBIO 151 and BIOL 152. Plant propagation, plant growing, vegetable and fruit culture. Two hours of lecture and two hours of laboratory per week. (As Needed)

**261. Landscape Design.** Credit 3 hours. An introduction to theory and practices in design of landscape with consideration given to plant materials, site evaluation, and human needs. Two hours of lecture and two hours of laboratory per week. (As Needed)

**301. Introductory Soils.** Credit 4 hours. Prerequisites: CHEM 122/124. Formation, chemical properties, physical properties, classification, and conservation of soils. Three hours of lecture and two hours of laboratory per week. (As Needed)

**305. Advanced Floral Design.** Credit 3 hours. Prerequisite: HORT 115 or permission of Department Head. A continuation of the basic floral design course involving more detailed floral arrangements, including centerpieces, corsages, bouquets, and sympathy tributes. One hour of lecture and four hours of laboratory. (As Needed)

**315. Plant Materials I.** Credit 3 hours. Prerequisites: GBIO 151 and 153 and Junior Standing, or permission of Department Head. Characteristics, identification, and landscape uses of ornamental trees, shrubs, vines, groundcovers, and flowers adapted to Southern conditions. Two hours of lecture and two hours of laboratory per week. (As Needed)

**320. Plant Materials II.** Credit 4 hours. Prerequisite: HORT 315 or permission of the Department Head. A continuation of Plant Materials I, to include characteristics, identification, and landscape uses of ornamental trees, shrubs, vines, groundcovers and flowers adapted to Southern conditions. Three hours of lecture and two hours of laboratory per week. (As Needed)

**328. Plant Propagation.** Prerequisites: GBIO 151 and GBIO 153, and Junior Standing, or permission of the Department Head. A study of the asexual and sexual processes in the propagation of herbaceous and woody plants. Two hours of lecture and two hours of laboratory per week. (As Needed)

**361. Advanced Landscape Design.** Credit 3 hours. Prerequisite: HORT 261. Landscape design with more detailed studies of plant design and techniques on both residential and commercial properties. Two hours of lecture and two hours of laboratory per week. (As Needed)

**365. Landscape Management and Practices.** Credit 3 hours. Prerequisite: HORT 232 or permission of the Department Head. The study of maintenance and management practices of landscape services, including residential, commercial and special uses landscapes. Two hours of lecture and two hours of laboratory per week. (As Needed)

**409. Internship.** Credit 1-3 hours. Prerequisites: Junior/Senior standing and permission of the Department Head. This course is designed to give the students practical experience working with professionals in the Horticulture field. The student is responsible for finding a sponsoring professor and a professional with whom to work. Students earn one credit for 3 hours internship per week averaged over the term, up to a maximum of 3 credits for 9 averaged hours per week. Means of evaluation is determined by the sponsoring professor and the professional. Maximum of three credits can be used for degree requirements. (As Needed)

**410. Fruit, Nut, and Vegetable Production.** Credit 3 hours. Principles and practices in the production and marketing of fruit, nut and vegetable crops. Three hours of lecture per week. (As Needed)

**412. Turf Management.** Credit 3 hours. Prerequisites: GBIO 151 and GBIO 153, and Junior Standing, or permission of the Department Head. Establishment and management of turf of residential and commercial sites; includes weeds, insects, disease identification and control. Three hours of lecture per week. (As Needed)

**420. Greenhouse and Nursery Management.** Credit 3 hours. Prerequisite: HORT 232 or permission of the Department Head. The study of greenhouse and nursery structures, equipment, techniques and management skills. Three hours lecture per week. (As Needed)

**424. Arboriculture.** Credit 3 hours. G BIO 151 and G BIO 153 and Junior Standing, or permission of Department Head. Care of ornamental trees in the urban environment including pruning, bracing, transplanting, and fertilization. Three hours of lecture per week. (As Needed)

**425. Irrigation and Drainage.** Credit 3 hours. Prerequisite: HORT 232 or permission of the Department Head. The study of irrigation and drainage systems as they relate to crops and landscape installations. Three hours of lecture per week. (As Needed)

**426. Coastal Plant Production.** Credit 3 hours. Prerequisites: G BIO 151 and G BIO 153 and Junior Standing, or permission of Department Head. The production, propagation and care of wetland plants for the purpose of coastal wetland restoration. Two hours of lecture and two hours of lab. (As Needed)

**428. Organic Gardening.** Credit 3 hours. Prerequisites: G BIO 151 and G BIO 153 and Junior Standing, or permission of Department Head. Principles, production practices, maintenance, harvesting and marketing of organically and traditionally homegrown vegetables. Three hours of lecture per week. (As Needed)

**450. Floriculture.** Credit 3 hours. Prerequisite: Horticulture 232. Commercial production and marketing of major cut flower crops and flowering pot plants under cover and/or in the open. Two hours of lecture and two hours of laboratory per week. (As Needed)

**455. Interior Plants.** Credit 3 hours. Prerequisites: HORT 232 or permission of the Department Head. Basic principles, practices, maintenance and design with foliage plants and flowers in interior commercial settings. Three hours of lecture per week. (As Needed)

**490. Survey of the Horticulture Industry.** Credit 4 hours. Prerequisite: Permission of Department Head. A basic orientation and Introduction to the horticulture industry. Emphasis on industrial contacts, career decisions and opportunities. Eight hours of laboratory per week. (Summer)

**495. Seminar.** Credit 1 hour. Prerequisite: Senior standing or permission of the Department Head. A review of important concepts and current events in horticulture. Student must pass the Louisiana Horticulture Commission Horticulture Service examination to complete the course and graduation requirements. One hour of lecture per week. (As Needed)

**498. Horticulture Research Problems.** Variable Credit 1, 2, 3, or 4 hours. Prerequisite: Junior standing or permission of the Department Head. May be repeated for a maximum of four hours credit. Additional hours will not be counted towards a student's major or in the cumulative grade point average. (As Needed)

## Humanities (HUM)

**200. Cultural Studies in the Discipline.** Credit 3 hours. A variable content course. An in-depth study of a discipline-specific topic conducted as part of a study abroad program. This independent study course may require readings, research, class attendance, and/or discussion as part of the requirements. May be repeated for 9 hours credit as topics vary. (As Needed)

**314. The Civilization of Europe.** Credit 3 hours. A study of the history, culture, art, architecture, etc., of Western Europe. Attention to and social lectures on particular persons and places of historic importance, written and oral reports. Comprehensive final examinations to cover readings, lectures, special reports on historical personages involved. (As Needed)

**401/501. Special Topics in Humanities.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head. A variable content course focusing on selected topics in Humanities, such as second language acquisition or discourse analysis. The content will change from semester to semester and will be advertised in advance. May be repeated twice for a total of six credit hours as topics vary. (As Needed)

## International Baccalaureate (IB)

**405. Global Curriculum Processes: Primary Years Programme.** Credit 3 hours. This course is part of the sequence leading to the International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP). International educators recognize that to develop knowledge, understanding, skills, and attitudes in their students, the focus must be on the learner and learning. This course focuses on developing practical knowledge of how the IB programmes are designed, interpreted, and implemented. This lays the foundation for how the programmes are delivered and assessed in support of student learning. Demonstrating an understanding of the IB's

programme curriculum frameworks and the processes that underpin them is thus an integral part of the knowledge that an IB teacher should possess. (As Needed)

**415. International Teaching and Learning: Primary Years Programme.** Credit 3 hours.

Prerequisite: Permission of Department Head. This course is part of the sequence leading to the International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP). This course focuses primarily on developing understanding of the relationship between teaching and learning, and the various teaching strategies that can be demonstrated to be effective in implementing the Primary Years Programme. Students in this course will develop their capacity to interpret and adopt appropriate teaching strategies and techniques instrumental in ensuring that programme learning objectives are achieved. (As Needed)

**425. Global Assessment of Learning: Primary Years Programme.** Credit 3 hours. Prerequisite:

Permission of Department Head. This course is part of the sequence leading to the International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP). The need for assessment to be an integral part of the curriculum and continual part of the learning process is essential if learning and understanding is to be effectively supported. This course is concerned with developing understanding of the assessment practices required and recommended by the relevant IB Programme. Considerable emphasis is placed on participants being able to demonstrate knowledge and understanding of assessment practices both in terms of formative and summative processes. (As Needed)

**435. Professional Learning: Primary Years Programme.** Credit 3 hours. Prerequisite:

Permission of Department Head. This course is part of the sequence leading to the International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP). This course focuses on the central tenet of teacher professionalism and the need to engage in critical self-reflection and improvement. Reflection is an essential part in the process of reviewing, and consequently amending, practice – itself a requisite in the ever-changing context of IB teaching and learning. In the area of international education, where affecting attitudinal and behavioral change is valued as highly as developing knowledge and skills, the need to review practice and to evaluate its success in achieving appropriate student learning outcomes is particularly salient. Teachers understanding of IB programme practices and their role in promoting international education. It is through the process of self and collegial reflection that teachers are able to develop and articulate a personal, independent and critical stance in relation to contrasting perspectives on issues, policies and developments in the IB programmes and thus able to contribute to a lasting impact on learning. (As Needed)

**600. Global Curriculum Design: Diploma Programme.** Credit 3 hours. Prerequisite: Permission

of Department Head. This course focuses on developing practical knowledge of how the IB programs are designed, interpreted, and implemented. This lays the foundation for how the programs are delivered and assessed in support of student learning. International education students will gain an understanding of the IB's program curriculum frameworks and recognize that to develop knowledge, understanding, skills and attitudes in their students, the focus must be on the learner and learning. (As Needed)

**605. Global Curriculum Processes: Primary Years Programme.** Credit 3 hours. This research-

based, which places considerable emphasis on knowledge of the IB literature and on-going research, course is part of the sequence leading to the International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP). International educators recognize that to develop knowledge, understanding, skills, and attitudes in their students, the focus must be on the learner and learning. This course focuses on developing practical knowledge of how the IB programmes are designed, interpreted, and implemented. This lays the foundation for how the programmes are delivered and assessed in support of student learning. Demonstrating an understanding of the IB's programme curriculum frameworks and processes that underpin them is thus an integral part of the knowledge that an IB teacher should possess. Candidates will conduct an in-depth semester project exploring international-mindset. (As Needed)

**610. International Teaching and Learning: Diploma Programme.** Credit 3 hours. Prerequisite:

IB 600 or permission of Department Head. This course focuses primarily on developing understanding of the relationship between teaching and learning, and the various teaching strategies that can be demonstrated to be effective in implementing the Diploma Programme. While knowledge of curriculum processes is essential, the capacity to interpret this by adopting appropriate teaching strategies and techniques is instrumental in ensuring the programme learning objective are achieved. Can be taken concurrently with IB 600. (As Needed)



**615. International Teaching and Learning: Primary Years Programme.** Credit 3 hours.

Prerequisite: Permission of Department Head. This research-based, which places considerable emphasis on knowledge of the IB literature and on-going research, course is part of the sequence leading to the International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP). This course focuses primarily of developing understanding of the relationship between teaching and learning, and the various teaching strategies that can be demonstrated to be effective in implementing the Primary Years Programme. Students in this course will develop their capacity to interpret and adopt appropriate teaching strategies and techniques instrumental in ensuring that programme learning objectives are achieved. Candidates will conduct an in-depth semester project exploring the role of collaboration and reflection in the development of authentic IB Primary Years Programme transdisciplinary learning. (As Needed)

**620. Global Assessment: Diploma Programme.** Credit 3 hours. Prerequisites: IB 600 and 610.

This course is concerned with developing understanding of the assessment practices required and recommended by the relevant IB Programme. Considerable emphasis is placed on participants being able to demonstrate knowledge and understanding of assessment practices both in terms of formative and summative processes. The need for assessment to be an integral part of the curriculum and continual part of the learning process is essential if learning and understanding is to be effectively supported. (As Needed)

**625. Global Assessment and Learning: Primary Years Programme.** Credit 3 hours.

Prerequisite: Permission of Department Head. This research-based, which places considerable emphasis on knowledge of the IB literature and on-going research, course is part of the sequence leading to the International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP). The need for assessment to be an integral part of the curriculum and continual part of the learning process is essential if learning and understanding is going to be effectively supported. This course is concerned with developing understanding of the assessment practices required and recommended by the relevant IB Programme. Considerable emphasis is placed on participants being able to demonstrate knowledge and understanding of assessment practices both in terms of formative and summative processes. Candidates will conduct an in-depth semester project exploring the purpose of assessment and its relationship to and implications for planning, teaching, and learning. (As Needed)

**630. Professional Learning: Diploma Programme.** Credit 3 hours. Prerequisite: IB 620 or

permission of Department Head. This course recognizes the capacity and commitment of participants to engage in collaborative learning and collegial activity in support of the aims and objectives of the IB programs. Such collaborative engagement can also present many opportunities and possibilities for professional learning with fellow international educators, within their schools and throughout the world. Such professional engagement can enable teachers to develop their own understanding, contribute to the learning of others, and participate as active members of a global community of professional learners, in the development and understanding of IB standards and practice. Can be taken concurrently with IB 620. (As Needed)

**635. Professional Learning: Primary Years Programme.** Credit 3 hours. Prerequisite:

Permission of Department Head. This research-based, which places considerable emphasis on knowledge of the IB literature and on-going research, course is part of the sequence leading to the International Baccalaureate (IB) Educator Certificate in Teaching and Learning: Primary Years Programme (PYP). This course focuses on the central tenet of teacher professionalism and the need to engage in critical self-reflection and improvement. Reflection is an essential part in the process of reviewing, and consequently amending, practice – itself a requisite in the ever-changing context of IB teaching and learning. In the area of international education, where affecting attitudinal and behavioral change is valued as highly as developing knowledge and skills, the need to review practice and to evaluate its success in achieving appropriate student learning outcomes is particularly salient. Teachers reflecting individually and collaboratively not only model good learning strategies to their students, but also enhance their own understanding of IB programme practices and their role in promoting international education. It is through the process of self and collegial reflection that teachers are able to develop and articulate a personal, independent and critical stance in relation to contrasting perspectives on issues, policies and developments in the IB programmes and thus able to contribute to a lasting impact on learning. Candidates will conduct an in-depth semester project exploring current innovations and ideas in the area of international education. (As Needed)

## Industrial Technology (IT)

**100. Introduction to Technology.** Credit 3 hours. The evolution of technology in industry and its impact. This course addresses the concentrations offered in the industrial technology program, focusing on employment opportunities, career paths, technological growth, salaries and job descriptions as well as technical, ethical and professional requirements. The three concentrations of the Industrial Technology manufacturing curriculum will be defined and emphasized throughout the course. (Summer, Fall, Spring)

**111. Engineering Drafting with Computer Assisted Design.** Credit 3 hours. Study of terminology, concepts, theories, and fundamental skills necessary to understand and operate a CAD system, and specifically using the system to graphically communicate through the basic elements of drafting, including orthographic projection, sectioning, dimensioning, isometric and oblique pictorial representation, standard symbols, simple auxiliary views, precision and tolerancing. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**112. Descriptive Geometry.** Credit 3 hours. Prerequisite: IT 111. Industrial and engineering application of design concepts involving the uses of points, planes, and lines; spatial relationships. The application of primary, secondary, and successive auxiliaries used in the various engineering disciplines. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**202. Fundamentals of Supervision.** Credit 3 hours. Prerequisite: Sophomore standing. A basic study of the role of the supervisor in modern organizations, including the basic knowledge required to effectively supervise, interact with and motivate employees of various demographics in a variety of current work environments. (As Needed)

**205. Preventive/Predictive Maintenance and Supervision.** Credit 3 hours. Prerequisite: Sophomore standing. A study of the methods required to develop, implement, and supervise a comprehensive preventive/predictive maintenance management program to minimize equipment and system breakdown. Major topics include methods of monitoring critical equipment and systems, predicting machine failures, scheduling equipment maintenance, and the use of computer software in preventive/predictive maintenance programs. (Spring)

**209. Special Topics.** Credit 3 hours. Organized class or individual instruction. May be repeated when topics vary for a maximum of six credit hours. (As Needed)

**215. Computer-Aided Drafting (CAD).** Credit 3 hours. Prerequisites: IT 111 and permission of Department Head. Study of terminology, concepts, theories, and fundamental skills necessary to understand and operate a CAD system. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**233. Introduction to Basic Electricity and Electronics.** Credit 3 hours. Prerequisite: MATH 162. The fundamental concepts of electricity and electronics that involve direct current (dc), alternating current (ac), series and parallel resistive circuits, network analysis, magnetism, inductance, capacitance, transformers, motors, residential wiring, electronic components, and various types of test equipment found in industry. Two hours of lecture and two hours of laboratory problem solving per week. A laboratory fee is required for this course. (Fall, Spring)

**236. Advanced Electronics.** Credit 3 hours. Prerequisite: IT 233. The study of semi-conductor electronics beginning with the diode, progressing through transistors, amplifiers, JFETs, MOSFETs, OP-AMPs, power supplies, oscillators, thyristors, and integrated circuits (ICs). Two hours of lecture and two hours of laboratory problem solving per week. A laboratory fee is required for this course. (Fall, Spring)

**242. Materials and Processes.** Credit 3 hours. An introductory study of materials and processes as applied to industrial materials with special emphasis on metals, plastics, woods and ceramics. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**256. Principles and Metallurgy of Welding.** Credit 3 hours. Theory and practice in oxy-fuel gas and electric arc welding processes with emphasis on preparation of joints, manipulation in various weld positions, and the selection and use of welding accessories and equipment. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**262. Principles of Technology.** Credit 3 hours. Prerequisite: Sophomore standing or permission of the Department Head. A course designed to help students perceive the interaction of science,

technology, and society. Scientific theories and law are merged with technological skills through the study of mechanical, fluid, electrical, and thermal systems found in technological devices. Through experimentation, students learn that technology is the application of science to the solution of practical problems. Two hours of lecture and two hours of laboratory per week. (As Needed)

**264. Industrial Fluid Power.** Credit 3 hours. Theory and practice of hydraulic and pneumatic power for industrial production. Functional examination of units: pumps, valves, boosters, etc. Simulated systems used to emphasize design and other industrial materials. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**291. Industrial Internship.** Credit 3 hours. Prerequisites: Sophomore standing and permission of the Department Head. This course is a cooperative venture between Southeastern Louisiana University and a variety of industries. It combines the student's academic and technical preparation at the university with actual on-the-job experiences in approved modern industrial enterprises. For three (3) hours credit a student must be employed a minimum of 20 hours per week during a regular semester and a minimum of 40 hours per week during the summer. Grades assigned on a Pass/Fail basis only. (Summer, Fall, Spring)

**292. Independent Study.** Credit 3 hours. Prerequisites: A "B" average or recommendation by the faculty and approval of the Department Head. A course devoted to research and development through laboratory experimentation of selected problems of special interests. Enrollment limited. Grades assigned on a Pass/Fail basis only. (Summer, Fall, Spring)

**308. Supervision of Production Planning and Controlling.** Credit 3 hours. Prerequisite: Junior standing. A problem-based approach to the organization, control, and supervision of production planning. The course also addresses reliability centered maintenance programs and automatic data collection relative to production and inventory control. (Fall, Spring)

**309. Special Topics.** Credit 3 hours. Organized class or individual instruction. May be repeated when topics vary for a maximum of six credit hours. (As Needed)

**322. Materials Science and Metallurgy.** Credit 3 hours. Prerequisite: IT 242. Study of the major materials used in industrial engineering, considering structure and properties, testing methods (destructive and nondestructive), and microscopic examination. Two hours of lecture and two hours of laboratory a week. A laboratory fee is required for this course. (Fall, Spring)

**331. Industrial Control Systems.** Credit 3 hours. Prerequisites: IT 236 and 264. The study and the application of microprocessor based control systems in industrial operations. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**351. Machine Tool Technology.** Credit 3 hours. Prerequisites: IT 111 and 242. Principles and practices of metal machining involving lathes, shapers, millers, planers, and precision grinders. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**391. Industrial Internship.** Credit 3-12 hours. Prerequisite: Permission of Department Head. Students receive on-the-job work experience with selected and approved industrial firms. Completion of all 100- and 200- level major courses are required before internship is taken. For three hours credit a student must be employed a minimum of 20 hours per week during a regular semester and a minimum of 40 hours per week during the summer semester. Course may be repeated for a maximum of 12 credit hours. Grades assigned on a Pass/Fail basis only. (Summer, Fall, Spring)

**402. Industrial Supervision.** Credit 3 hours. Prerequisites: Junior standing and credit for or enrollment in MGMT 351. The competencies and knowledge required of industrial supervisors to effectively manage production, groups and work teams in a dynamic workplace comprised of diverse populations. (Spring)

**405. Work Methods and Measurement.** Credit 3 hours. Prerequisite: IT 351. A study of the work methods and measurement concepts and techniques that are common to modern industry, including productivity improvement, work methods, work measurement, labor reporting, ergonomics, incentives and alternative methods for increasing productivity. (Fall, Spring)

**406. Facilities Planning and Design.** Credit 3 hours. Prerequisite: IT 405. A study of principles, methods, and techniques for analyzing existing and proposed facilities to achieve improvements in productivity. Major topics include strategic facilities planning; plant location; product, process and schedule requirements; materials handling and costing. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**407. Six Sigma Industrial Quality.** Credit 3 hours. Prerequisites: MATH 165 or 241 or permission of Department Head. An approach to quality that focuses on the improvement of processes. Topics include teams, strategic planning, cause-and-effect diagrams, Pareto diagrams,

basic statistics, probability, control charts, project management, flow diagrams and failure modes and effects analysis. (Fall)

**409. Special Topics.** Credit 3 hours. Organized class or individual instruction. May be repeated when topics vary for a maximum of six credit hours. (As Needed)

**442. CAD/CAM/Robotics.** Credit 3 hours. Prerequisites: IT 331 and 351 and a 200-level Computer Science Course. A course designed to cover the application of Computer-Aided Design, Computer-Aided Manufacturing and robotics in modern industrial settings. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**444. Computer-Integrated Manufacturing (CIM).** Credit 3 hours. Prerequisite: IT 442. This course will cover the integration of various automated systems and peripherals into a functioning and flexible manufacturing system. The interfacing of the central control computer and robot systems into a workable manufacturing cell will also be covered. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**492H. Research and Development.** Credit 3 hours. Prerequisites: A "B" average or recommendation by the faculty and approval of the Department Head. An honors course devoted to research and development of selected problems. Course may be repeated for a total of six hours with no more than three hours in any one semester. Grades assigned on a Pass/Fail basis. (Summer, Fall, Spring)

**625. Automated Design and Manufacturing.** Credit 3 hours. Prerequisites: DDT 316, IT 442 or permission of the ISAT Coordinator. A study of design principles and rapid prototyping through solid model development. Students will develop solid models, convert them to machine tool software for code development and produce prototypes with CAM and 3-D printing. Two hours of lecture and two hours of laboratory work each week. (Summer)

## Industrial Technology Education (ITE)

**261. Transportation, Energy, Power Technology.** Credit 3 hours. A study of modern transportation systems; energy-its sources, forms, and control; the conversion of energy into usable power through the various prime movers; and the impact of transportation, energy and power technology on our society.

**272. Exploration of Construction Technology.** Credit 3 hours. A broad-based systems-oriented course investigating all areas of the construction industry from planning to completion of light, heavy, industrial and civil construction, and the various careers associated with each area.

**301. Technology and Society.** Credit 3 hours. Prerequisite: Junior standing. A comprehensive study of technology and its effects on society.

**302. Technology and Education Management.** Credit 3 hours. Prerequisite: Junior standing. A study of the principles of office management and laboratory layout for technology education. Studies of student advising, student organizations, professional organizations and fund raising techniques will also be conducted.

**481. Materials and Methods of Curriculum Development.** Credit 3 hours. Prerequisite: Junior standing. A study of curriculum and teaching materials, specialized equipment, and instructional methods utilized in technology education. The use of audio/video equipment, field trips, guest speakers, curriculum materials, and computers for technology education classroom/laboratories will be emphasized.

## Integrated Science and Technology (ISAT)

**592. Research and Development in Industrial Technology.** Credit 3 hours. Prerequisites: An overall "B" average or recommendation by the faculty and approval of the Department Head. A course devoted to research and development through laboratory experimentation of selected problems of specific interest. Course may be repeated for a total of six hours with no more than three hours in any one semester. (As Needed)

**600. Applied Science Seminar I.** Credit 3 hours. Students in the ISAT program will be expected to take Applied Sciences Seminar I or Applied Sciences Seminar II during their first year in the ISAT program. The purpose of these seminars is to move the student toward formulating and initiating their ISAT capstone research project. Sharing of professional knowledge and expertise is expected to

occur during the flow of classroom interactions. Guest speakers from various scientific and technical disciplines will be an integral part of these seminars. (Fall)

**601. Applied Science Seminar II.** Credit 3 hours. Prerequisite: Admission to ISAT program or approval of ISAT Coordinator. Students in the ISAT program will be expected to take Applied Sciences Seminar I or Applied Sciences Seminar II during their first year in the ISAT program. The purpose of these seminars is to move the student toward formulating and initiating their ISAT capstone research project. Sharing of professional knowledge and expertise is expected to occur during the flow of classroom interactions. Guest speakers from various scientific and technical disciplines will be an integral part of these seminars. (Spring)

**615. Technology in Industry and Society.** Credit 3 hours. Prerequisite: ISAT 600 or concurrent enrollment. This course investigates the historical evolution of technology for use in developing models appropriate for predicting future technological trends. The course provides technical understanding and communication skills needed across the disciplines of mathematics, chemistry and physics, industrial technology, and computer science. The course provides an understanding of the impact of technology on individuals, the global community and the environment. (Fall)

**625. Applications of Computing in Science and Technology.** Credit 3 hours. Prerequisite: ISAT 600 or permission of the ISAT Coordinator. This course teaches students the Software Development Life Cycle & Agile Design (SDLC&AD) processes that are used in the industry to take a software idea through to the marketplace. Students will implement the process in their own software projects. (Fall, Spring)

**635. Industrial Chemistry.** Credit 3 hours. Prerequisite: ISAT 600 or concurrent enrollment. This course will be of a survey nature. It will introduce the student to the importance of the chemical industry to our economy as a whole and inform the student about the role of the chemist in typical plant operations such as quality control and assurance, safety compliance, and research and development. In addition, the student will become acquainted with some important industrial processes in the chemical industry. (Spring)

**645. Mathematical Modeling for Science and Technology.** Credit 3 hours. Prerequisite: ISAT 600 or concurrent enrollment. A study of typical operation research problems representative of various business and industrial organizations. These problems include production planning, distribution and scheduling, inventory control, project planning and control, simulation and forecasts of sales. (Fall)

**655. Error and Risk Analysis.** Credit 3 hours. Prerequisite: ISAT 600 or concurrent enrollment. This course will present the basic tools of error and risk analysis, with extensive use of case studies. The goal of this course is to provide students with the mathematical and physical problem-solving skills to attack similar data-driven problems and to understand the methods by which data are converted into information for decision making. (Fall)

**665. Industrial Internship.** Credit 3 hours. Prerequisite: ISAT 600, 601, 9 hours of lower level core courses and permission of the ISAT Coordinator. This course is a cooperative venture between Southeastern Louisiana University and a variety of business, industry, governmental, or educational institutions. It combines the student's academic and technical preparation at the University with actual on-the-job experiences. Grades assigned on a Pass/Fail basis only. (As Needed)

**770. Thesis.** Credit 1-6 hours each semester with 6 hours needed for graduation. Prerequisites: ISAT 600, 601 and approval of Program Coordinator. The thesis will investigate a significant interdisciplinary topic centered in the area of the student's concentration. The results must provide a significant contribution to the knowledge base in the discipline. The thesis is graded Pass/Fail. The student must enroll in the thesis course each semester that the thesis is in progress. (As Needed)

**771. Research Project.** Credit 1-6 hours each semester with 6 hours needed for graduation. Prerequisites: ISAT 600, 601 and approval of Program Coordinator. Students will design and implement a research project. Research projects will investigate a significant interdisciplinary, applications-oriented topic centered in the area of the student's concentration. The research project is graded Pass/Fail. The student must enroll in the research project course each semester that the research is in progress. (As Needed)

## Italian (ITAL)

**101. Elementary Italian I.** Credit 3 hours. The beginning course for students with no knowledge of Italian. All appropriate elements of basic language learning are utilized for the purpose of providing a foundation in the language and culture of Italy. Classwork supplemented by aural-oral drill in the

language laboratory. Offered as the first of four sequential courses (101, 102, 201, 202) designed to provide an overall desired proficiency. A laboratory fee is required for this course. (Fall, Spring)

**102. Elementary Italian II.** Credit 3 hours. Prerequisite: ITAL 101 or equivalent. Continuation of ITAL 101. A laboratory fee is required for this course. (Fall, Spring)

**201. Intermediate Italian I.** Credit 3 hours. Prerequisite: ITAL 102 or equivalent. Completion and review of basic elements of grammar. Introduction of reading material of moderate difficulty. A laboratory fee is required for this course. (Fall, Spring)

**202. Intermediate Italian II.** Credit 3 hours. Prerequisite: ITAL 201 or equivalent. A course with emphasis on proficiency in reading and continuation of grammar review. A laboratory fee is required for this course. (Fall, Spring)

**213. Art and Literature in the Italian Renaissance.** Credit 3 hours. A study of the art and literature of the Italian Renaissance with emphasis on Leonardo da Vinci and Michelangelo Buonarroti. Taught in English. A laboratory fee is required for this course. (As Needed)

**311. Advanced Italian Grammar.** Credit 3 hours. Prerequisite: ITAL 202 or equivalent. Intensive study of grammar. Recommended for students with a minor in Italian and for others who wish to perfect their language skills. A laboratory fee is required for this course. (As Needed)

**312. Advanced Italian Composition and Syntax.** Credit 3 hours. Prerequisite: ITAL 202 or equivalent. Descriptive and narrative compositions in Italian with emphasis on syntax and verb forms. Effective writing of letters and short reports will be stressed to develop business skills. Recommended for students with a minor in Italian and for others who wish to improve their language skills. A laboratory fee is required for this course. (As Needed)

**332. Advanced Italian Conversation.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. Exercise in speaking Italian based on the intensive study of model conversation of specialized subjects. A laboratory fee is required for this course. (As Needed)

**371. Studies of the Italian Cinema.** Credit 3 hours. The Italian cinema from the mid-40's to the present. A close analysis of the evolution of cinema in Italy with emphasis on the films and the strategies used by the director to tell a particular story as well as to portray aspects about Italian culture. A laboratory fee is required for this course. (As Needed)

**381. Italian Civilization.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. Geography, history, literature, art, music, educational systems, economy of Italy. The introduction of culture and civilization of Italy. This course cannot be used to fulfill the foreign language requirement. A laboratory fee is required for this course. (As Needed)

**423. Special Topics in Italian Studies.** Credit 3 hours. Prerequisite: ITAL 202 or permission of Department Head. A special topics course that offers a detailed analysis of a particular genre, movement, author, or topic. May be repeated twice for credit as topics vary. A laboratory fee is required for this course. (As Needed)

## Kinesiology (KIN)

The Kinesiology and Health Studies Department recommends that each student obtain a medical examination and be covered by an adequate accident and hospital insurance policy before participating in any of the programs of the department.

**120. Foundations of Kinesiology.** Credit 3 hours. This course explores Kinesiology as an academic discipline, and provides an overview of careers associated with the discipline. Concepts in the study of physical activity are introduced, including those in musculoskeletal anatomy, exercise physiology, fitness assessment, biomechanics, motor behavior, and sport/exercise psychology. (Fall, Spring)

**190. Introduction to the Health and Physical Education Teacher Education Profession.** Credit 1 hour. A basic orientation and introduction to the health and physical education profession. Emphasis will be on interpretation, opportunities and obligations, and the development of the basic concepts that are pertinent to the profession. Three hours of observation in the public schools are required. This is a nine week course. (Fall, Spring)

**191. Introduction to Health Studies and Kinesiology.** Credit 1 hour. A basic orientation and introduction to health studies and kinesiology with emphasis upon interpretation, opportunities and obligations, and the development of the basic concepts that are pertinent to the profession. Twelve hours lecture and nine hours laboratory for nine weeks. (Fall, Spring)

**230. Physical Fitness Concepts.** Credit 3 hours. This course is designed to meet the needs of each individual in the knowledge, care and use of the body in attaining and maintaining physical fitness. This course will include laboratory experience. (As Needed)

**232. Introduction to Sport Management.** Credit 3 hours. This course is designed to prepare the individual for the academic and professional field of sport management. An introductory course concerned with the disciplinary foundations of sport and physical activity, opportunities available in various segments of the sport industry, and professional preparation and development. (Fall, Spring)

**235. Foundations of Coaching.** Credit 3 hours. Special attention to issues related to the coaching field. Topics include but are not limited to developing a coaching philosophy, coaching constituents, team unity, sport psychology, legal issues, and the coach as administrator. (Fall, Spring)

**251. Motor Development and Movement.** Credit 3 hours. Focuses on stage theories and developmental task analysis of motor skill acquisition. A study of motor development, movement and the child-centered approach to teaching movement in grades K-6. Develops understanding and skills concerning the broad concept of motor development across the life span. This course will provide experience in classroom observation and supervised teaching. (Spring)

**275. Anatomy and Anatomical Kinesiology.** Credit 3 hours. A study of basic anatomy and physiological principles with practical application to motor performance. Emphasis on analysis of motor performance and development of therapeutic exercise programs. (Fall, Spring)

**276. Practicum in Sport Management.** Credit 3 hours. Prerequisites: Sophomore standing (30 or more hours), 2.0 grade point average. Provides student with sport management experience in an assignment approved by the instructor. Enrollment is limited to students majoring in Sport Management. (Fall, Spring)

**300. Mitigating Risk and Minimizing Injuries in Athletic Competition.** Credit 3 hours. This course focuses on prevention and care of sports injuries and risk reduction in the sports arena. Special attention is given to factors related to liability and other legal issues associated with the coaching profession, as well as the recognition and appropriate response to injuries and illnesses common to sports. (As Needed)

**301. Coaching Baseball and Softball.** Credit 3 hours. Prerequisite: KIN 235 or permission of Department Head. Focuses on theory and methods of coaching baseball and softball. Includes rules of the sport, individual and team skills, offensive and defensive strategies, development of practice schedules and sport-specific training and conditioning. Expertise in sport is expected of students enrolling in the course. (As Needed)

**302. Coaching Basketball.** Credit 3 hours. Prerequisite: KIN 235 or permission of Department Head. Focuses on theory and methods of coaching basketball. Includes rules of the sport, individual and team skills, offensive and defensive strategies, development of practice schedules and sport-specific training and conditioning. Expertise in sport is expected of students enrolling in the course. (As Needed)

**303. Coaching Football.** Credit 3 hours. Prerequisite: KIN 235 or permission of Department Head. Focuses on theory and methods of coaching football. Includes rules of the sport, individual and team skills, offensive and defensive strategies, development of practice schedules and sport-specific training and conditioning. Expertise in sport is expected of students enrolling in the course. (As Needed)

**304. Coaching Volleyball.** Credit 3 hours. Prerequisite: KIN 235 or permission of Department Head. Focuses on theory and methods of coaching volleyball. Includes rules of the sport, individual and team skills, offensive and defensive strategies, development of practice schedules and sport-specific training and conditioning. Expertise in sport is expected of students enrolling in the course. (As Needed)

**305. Coaching Cross Country and Track and Field.** Credit 3 hours. Prerequisite: KIN 235 or permission of Department Head. Focuses on theory and methods of coaching track and field and cross country. Includes rules of the sport, individual and team skills, offensive and defensive strategies, development of practice schedules and sport-specific training and conditioning. Expertise in sport is expected of students enrolling in the course. (As Needed)

**306. Special Topics in Coaching.** Credit 3 hours. Selected topic in coaching that are not covered in existing courses. This course may be repeated as topics vary. (As Needed)

**310. Practicum in Sport Administration.** Credit 2 hours. Prerequisite: KIN 232 or permission of Department Head. Practical application of sport management concepts and responsibilities. Requires a minimum of 160 contact hours per semester; 10 hours per week. (Fall, Spring)

**321. Motor Learning.** Credit 3 hours. Prerequisite: Junior standing. Basic principles and theories of learning and their application to the teaching of motor skills. Emphasis on perception, preparation for a signal, memory, feedback, timing, transfer of learning, practice conditions, individual differences, and motivation. Lecture and laboratory experiences. (Fall, Spring)

**332. Sport Information and Media Relations.** Credit 3 hours. Prerequisite: ENGL 322, Junior Standing or permission of the Department Head. The course is designed to introduce students to the role of effective communication in the sport industry. The nature and function of communication will be examined in a variety of settings. Emphasis will be placed on interpersonal communications, public relations, mass media relations, media promotion techniques and innovative technology within the sport industry. (Spring)

**333. Governance in Sport.** Credit 3 hours. Prerequisite: Junior Standing. This course is designed to examine the various governing bodies in professional and amateur sport. Students will study how the governing bodies involved affect the structure, organization, and delivery of sport. (Fall)

**334. Social Aspects of Sport.** Credit 3 hours. Prerequisite: Junior Standing. This course is designed to provide an introduction to sociological issues, practices and phenomena associated with sport. Course content explores such areas as social theories, the social significance of sport in society, social problems related to sport, the interaction of sport and other social institutions, and international cultures and sport. (Fall, Spring)

**335. Special Topics in Sport Management.** Credit 3 hours. Prerequisite: Junior Standing. May be repeated one time as topics vary. Course identified by description each semester offered. This course provides an opportunity for in-depth study of selected topics in sport management. (As Needed)

**351. Physical Education in the Elementary School.** Credit 3 hours. Prerequisites: Health and Physical Education major, Junior standing, 2.5 GPA, EDUC 203, EDUC 212, and KINL 221. Application of knowledge and theory to the development of physical education curriculum and instruction for children in the elementary school. The course includes one hour of supervised teaching in the elementary school each week. Two hours lecture, two hours laboratory a week. (Spring)

**362. History of Sport and Physical Education.** Credit 3 hours. Historical development of sport and physical education from ancient societies to the present. Political, social, economic and religious factors that have shaped the history of sport and physical education. History and contemporary status of sport and physical education in the U.S. and selected countries around the world. (Fall, Spring)

**365. Behavioral Aspects of Physical Activity.** Credit 3 hours. Prerequisites: HS 133, KIN 191, PSYC 204, and Junior standing or approval of Department Head. A presentation of the basic concepts related to exercise behavior. The content will include a variety of topics related to the psychosocial dimensions of exercise behavior to include participation, motivation, and adherence. Theoretical models of exercise adoption and behavior change will also be presented. (As Needed)

**366. Facility and Event Management.** Credit 3 hours. Prerequisites: KIN 232 and Junior standing, or permission of Department Head. This course is designed to assist the sport management major with acquiring the necessary knowledge and skills needed to manage a sport facility and to plan a sporting event. The course will provide information concerning the planning, organization, and administration of sport facilities and event management. A key component of the course is the planning and organizing of an event. Field-based practicum hours are included. This course is limited to students majoring in Sport Management. (Fall)

**372. Biomechanics.** Credit 3 hours. Prerequisite: Junior standing. A study of the basic laws and principles of Physics with specific application to the analysis of motor performance and sport skills. (Fall, Spring)

**380. Legal – Ethical Implications for Sport.** Credit 3 hours. Prerequisite: Junior Standing or permission of the Department Head. An examination of laws and policies governing the various aspects of sport and sport business and their relationship to personal and professional ethics. The role of regulatory commissions and organizations in sport will be explored. (Fall)

**392. Physiology of Exercise.** Credit 3 hours. Prerequisites: Junior standing and earning a grade of "C" or higher in ZOO 250/252 or ZOO 251/253 or permission of the Department Head. Neuromuscular, cardiorespiratory, hormonal and environmental responses and adaptations to exercise are covered with an emphasis on bioenergetics. Laboratory experience will include experiments which reveal the principles of exercise physiology. Two hours of lecture and two hours of lab per week. (Fall, Spring)

**395. Kinesiology Seminar.** Credit 3 hours. Prerequisite: Junior or Senior standing and permission of Department Head. Examination of specialized topics in Kinesiology, Physical



Education, and Exercise Science. Course identified by title and description of content covered. May be repeated one time as topics vary. (As Needed)

**405. Health and Physical Education Methods in the Elementary School.** Credit 3 hours. Prerequisites: HS 232 and current enrollment in EDUC 415. A course for elementary education majors. Health and physical education curriculum for the elementary school. Includes study of principles of lesson development and demonstration of health and physical education teaching techniques to elementary school children. Two hours lecture and two hours laboratory per week. (As Needed)

**406. Sport Promotion and Fundraising.** Credit 3 hours. Prerequisites: KIN 232 and MRKT 303 and Junior standing, or permission of Department Head. This course is designed to study the areas of marketing, promotion, and fundraising within the context of interscholastic, intercollegiate, amateur, and professional sports. The course will include a general introduction to the history of sport marketing, promotions in the sport industry, sponsorships, trends, event management, booster clubs, and fundraising. Field-based practicum hours are included. This course is limited to students majoring in Sport Management. (Spring)

**410. Internship in Exercise Science, Fitness or Sport Management.** Credit 3-6 hours. A senior-level internship during which students engage in practical experience in the field. A minimum of 320 field-based hours is required for course completion. Detailed requirements are provided in the catalogue in the Department of Kinesiology and Health Studies section. May be repeated for a total of six hours. A laboratory fee is required for this course. (Fall, Spring)

**424. Fitness Testing and Prescription.** Credit 3 hours. Prerequisite: A grade of "C" or higher in KIN 392. A presentation of the basic techniques in exercise testing and prescription. Includes information pertinent for Health Fitness Instructor certification by the American College of Sports Medicine. Two hours of lecture and two hours of laboratory each week. (As Needed)

**426 [326]. Strength Development and Conditioning Programs.** Credit 3 hours. Prerequisite: A grade of "C" or higher in KIN 392. Instruction in basic physiological adaptations to strength and speed development, exercise prescription and testing for athletes, and facility design and safety. (Fall, Spring)

**431. Measurement and Evaluation.** Credit 3 hours. Prerequisites: Junior Standing and EDUC 201 or 203 or permission of the Department Head. Terminology and evaluation procedures appropriate to health and physical education. Special attention to applications of the criterion-referenced evaluation model to tests, ratings and grading procedures. (Fall)

**434. Clinical Aspects of Exercise Testing and Prescription.** Credit 3 hours. Prerequisite: A grade of "C" or higher in KIN 392, Junior standing, or permission of Department Head. Selection and implementation of tests for health-related fitness levels in a variety of populations. Includes methods for designing and administering exercise programs for people with special medical conditions. Two hours of lecture and two hours of laboratory each week. (As Needed)

**436. Psychosocial Dimensions of Physical Activity.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. An examination of psychosocial theories and research related to sport and exercise behavior. Consists primarily of lectures and discussion activities aimed at clarifying, exemplifying, and expanding upon the assigned readings. (Fall, Spring)

**443. Organization and Administration.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A study of policies and procedures essential to program development and implementation of health, physical education, intramurals and athletics. Emphasis on problems dealing with leadership, curriculum development, facilities and public relations. (As Needed)

**451. Sport Administration.** Credit 3 hours. Prerequisites: Junior standing and KIN 232 and KIN 380, or permission of the Department Head. A critical examination of sport business administrative principles. The competencies and responsibilities of administrators in the organizations, administration and management of sport businesses will be emphasized. (Fall)

**460. Teaching Physical Education in the Secondary Schools.** Credit 3 hours. Prerequisites: Full SARTE status, KIN 351, KINL 209, 210, 212, 213, 214, 217, 218, 219, 221, 222, and completion or concurrent enrollment in KIN 431, or permission of the Department Head. A course that focuses on teaching methods and materials in secondary physical education settings (junior high/high school). Intended to be taken during the semester just prior to student teaching. Activities will primarily center on curricular issues and planning, teaching, and evaluating instruction. This course will provide experience in classroom observation and supervised teaching. (Fall)

**490. Internship in Sport Management.** Credit 9 hours. Prerequisites: Senior standing, 2.0 GPA, completion of the majority of course work required in the degree (no more than 6 hrs remaining), earning a grade of C or higher in all indicated courses, completion of KIN 332, 333, 334, 380, 406, 451, FIN 381 and MGMT 351. During the last semester of the senior year, a final field experience is required for all sport management students. Students will gain experience in methodologies, administration techniques, and programs specific to the internship site. Minimum of 400 hours (approximately 27 hours/wk for 15 weeks). (Fall, Spring)

**491/591. Introduction to Physical Education for Individuals with Disabilities.** Credit 3 hours. Prerequisite: Junior or Senior standing. The focus of this survey course is on handicapped children who will be mainstreamed for physical education. Other topics include: federal and state legislation, handicapping conditions, similarities between handicapped and non-handicapped children in growth, fitness, learning and performance, and psycho-social variables. Three hours lecture per week. (As Needed)

**492/592. Perceptual Motor Development of Individuals with Disabilities.** Credit 3 hours. Prerequisite: Junior or Senior standing. This course was designed for those certifying in Adapted Physical Education and Special Education Mild/Moderate. The most frequent handicapping conditions (multi/moderate mental retardation, learning disability, and emotional/behavioral disorder) are the focus of this class. Topics include: neurological, sensory, perceptual, perceptual-motor, memory, learning, performance, assessment. Two hours lecture, two hours laboratory a week. (As Needed)

**493/593. Physical Education for Individuals with Physical Disabilities and Other Impairments.** Credit 3 hours. Prerequisite: Junior or Senior standing. This course is designed for those certifying in Adapted Physical Education and Severe/Profound Impairments. Severe motor deficits resulting from Severe/Profound Mental Retardation, Orthopedically Handicapped, Other Health Impaired, Sensory Handicapped, Multihandicapped conditions are the focus of this course. Analysis of movement, assessment, treatment and long range planning are covered in terms of theory, school programs and recreation. Two hours lecture and two hours laboratory a week. (As Needed)

**494/594. Curriculum Development for Adapted Physical Education.** Credit 3 hours. Prerequisites for KIN 494: KIN 491, Junior standing, or permission of Department Head. Prerequisites for KIN 594: KIN 491, or 591, or permission of Department Head. Theory of curriculum design is translated into practical programs. Special emphasis is placed on the similarity between physical education and adapted physical education, I. E. P. development, and program evaluation (curriculum and instruction). Three hours lecture a week. (As Needed)

**601. Statistical Methods in Kinesiology.** Credit 3 hours. Special parametric and non-parametric statistics applicable to research techniques in kinesiology. (Fall)

**606. Introduction to Research.** Credit 3 hours. Prerequisite: KIN 601. Principles, procedures, and techniques of research with an intensive survey of current scientific investigations in the areas of kinesiology. Special attention is given to practical application. (Fall)

**610. Therapeutic Principles of Sport Related Injuries.** Credit 3 hours. Course objectives include: Instruction and practice in the care, prevention, treatment and rehabilitation of injuries commonly encountered in the recognition of injury signs, stabilization techniques, prosthetic strapping techniques and the use of selected therapeutic modalities. (As Needed)

**612. Motor Learning.** Credit 3 hours. Factors involved in the acquisition and performance of motor skills. Major motor learning theories. Reading of research literature and participation in experiments. (As Needed)

**614. Principles and Theories of Motor Development.** Credit 3 hours. Focuses on the theories and principles of motor development. The course will cover aspects of motor development across the lifespan from infancy through elderly populations. The course will also relate motor development to cognitive and social development, especially during early childhood. (As Needed)

**621. Mechanical Analysis of Motor Performance.** Credit 3 hours. Prerequisite: KIN 372. The mechanical analysis of motor skill with special reference to the use of photographic and mechanical aids. (As Needed)

**623. Human Behavior in Exercise and Sport.** Credit 3 hours. An examination of theories and research related to Exercise and Sport Psychology. Including individual differences, motivation, social influence processes, psychophysiological aspects and behavior change technique applied to exercise and sport. (As Needed)

**624. Applied Research in Exercise and Sport Behavior.** Credit 3 hours. This course will examine the need for and purpose of applied Exercise and Sport Psychology research, outline the

area of study, and examine the research on interventions used to address behavioral issues in sport and exercise. (As Needed)

**625. Cardiorespiratory Aspects of Exercise.** Credit 3 hours. Prerequisite: KIN 392 or permission of Department Head. A study of alterations in cardiovascular and pulmonary function from exercise with a focus on physiological mechanisms. Laboratory experiences included. (As Needed)

**626. Strength Development and Conditioning Programs.** Credit 3 hours. Prerequisites: KIN 392 and 275 or consent of the department. Isotonic and isometric programs for the development of muscular strength and endurance including background neuromuscular physiology. A study of other types of conditioning methods for the development of general fitness. (As Needed)

**628. Kinesiology Seminar.** Credit 3 hours. May be repeated as topics vary. Course identified by description each semester offered. (As Needed)

**629. Kinesiology Seminar.** Credit 3 hours. May be repeated as topics vary. Course identified by description each semester offered. (As Needed)

**632. Independent Research.** Credit 3 hours. Prerequisites: Must be a graduate student in the Health and Kinesiology Master of Arts program and have taken at least 9 hours of graduate course work including KIN 601 or 606 or permission of the Department Head. Student will demonstrate research design and literature review competency. If a research study is implemented, student must obtain appropriate IRB approval. (Fall, Spring)

**634. Independent Reading.** Credit 3 hours. Prerequisites: Must be a graduate student in the Health and Kinesiology Master of Arts program and have taken at least 9 hours of graduate course work or permission of the Department Head. Directed study of the professional and research literature in an area of kinesiology not covered in other courses. May be repeated as topics vary. A maximum of six hours may be used in a degree plan. (Fall, Spring)

**636. Nutrition for Health and Physical Performance.** Credit 3 hours. Prerequisite: Basic Nutrition or permission of the Department Head. Principles of nutrient metabolism and their role and function in the maintenance of health prevention of disease. Development of nutritional plan for specific conditioning, including dietary concerns for those in physical performance programs. Credit may not be received for both HS 636 and KIN 636. (As Needed)

**638. Neuromuscular Aspects of Exercise.** Credit 3 hours. Prerequisite: KIN 392 or permission of the Department Head. The course emphasizes current understanding of effects of exercise on skeletal muscle and nervous tissue structure and function with some application to training. (As Needed)

**644. Advanced Exercise Testing and Prescription.** Credit 3 hours. Prerequisites: KIN 392, KIN 424, and KIN 434 or permission of the Department Head. A study of the proper method for exercise testing and prescription with emphasis on risks and benefits. Includes preparation for clinical experiences with rehabilitative fitness agencies and for advanced certification. Some laboratory required. (As Needed)

**646. Grant Proposal Writing.** Credit 3 hours. Focuses on the necessary competencies and skills of writing and submitting proposals and evaluating and administering grants for health education, allied health, kinesiology and related fields including schools, communities and work sites. (As Needed)

**693. Socio-Cultural Issues in Sport and Physical Activity.** Credit 3 hours. The sport manager must understand people who engage in sport within their respective living environments, thus comprehending their interest and values for sport participation and/or their sport spectator interest. Social and cultural influences on sport, as well as those revealed through sport will be discussed. (As Needed)

**695. Legal Issues in Sport and Fitness.** Credit 3 hours. Study of the law and implications relative to sport and fitness. Emphasis on safety procedures, preventative measures, and legal responsibilities of the sport and fitness professional. (As Needed)

**696. Managing Events and Facilities in Sport and Fitness.** Credit 3 hours. This course is designed to provide the knowledge and skills needed for the sport and fitness professional to successfully manage sport and fitness facilities and events. Topics include planning facilities and events, staff management, marketing, scheduling, and event operations. (As Needed)

**697. Financial Management in Sport.** Credit 3 hours. Financial management, planning and budgetary components of the sport industry. Through this course students will obtain the problem solving and decision making abilities to maximize success in the sport industry. (As Needed)

**710. Internship in Kinesiology.** Credit 3-6 hours. Prerequisite: Permission of the Department Head. A field work experience offered at a setting that directly relates to the student's academic

preparation and intended employment or area of interest. The purpose is to provide an opportunity for students to perform and demonstrate professional competencies that a regularly employed staff member would be expected to perform. A laboratory fee is required for this course. (Fall, Spring)

**770. Thesis.** Prerequisites: KIN 601 and 606 or 607. Credit 1-6 hours each semester, with six hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass/Fail. (Fall, Spring)

## Kinesiology Laboratory (KINL)

Kinesiology Laboratory Courses may be taken for a regular grade or Pass-Fail as an option for non-majors.

### Basic Courses

Basic courses are open to all students, and provide a lifetime activity program with primary emphasis on the acquisition of motor skills, physical fitness, knowledge, and appreciation. Students needing two required activity courses may select any two of the basic laboratory courses. If additional courses are required or needed for electives, the additional courses may be selected from the basic laboratory courses or from the major laboratory courses.

**100. Adaptive I.** Credit 1 hour. Therapeutic exercise for handicapped students. Requires physician's referral and permission of the department. Three hours a week. (Fall, Spring)

**101. Adaptive II.** Credit 1 hour. Therapeutic exercise for handicapped students. Requires physician's referral and permission of the department. Three hours a week. (As Needed)

**102. Beginning Badminton.** Credit 1 hour. Basic skills, strategies, rules and procedures. Instruction and practice of short and deep serves, clears, drops and smash. Singles and doubles play. Three hours a week. (As Needed)

**103. Jogging.** Credit 1 hour. Aerobic conditioning using long distance running. Principles and techniques of endurance training are studied. Three hours a week. (Fall, Spring)

**107. Beginning Golf.** Credit 1 hour. Putting, chipping, and the full swing with all clubs. Rules and procedures of play. Most classes are held at an off campus driving range, and students must arrange for their transportation and pay a small fee for balls at the range. Three hours a week. A laboratory fee is required for this course. (As Needed)

**110. Beginning Tennis.** Credit 1 hour. Basic skills, strategies, rules and procedures. Instruction and practice of the serve, ground strokes and volleys. Singles and doubles play. Three hours a week. (Fall, Spring)

**111. Swim Fitness.** Credit 1 hour. For experienced swimmers. Aerobic conditioning using long distance swimming and other endurance activities in the water. Principles and techniques of endurance training are studied. Three hours a week. (Fall, Spring)

**112. Bowling.** Credit 1 hour. Beginning bowling skills, scoring, procedures and terminology. Three hours a week. A laboratory fee is required for this course. (Fall, Spring)

**113. Weight Training.** Credit 1 hour. Instruction in proper technique in strength conditioning using free weights and weight machines. Three hours a week. (Fall, Spring)

**115. Aerobic Dance.** Credit 1 hour. Aerobic exercise activities with musical accompaniment. Three hours a week. (As Needed)

**120. Beginning Swimming.** Credit 1 hour. The basic swimming strokes: front crawl, back crawl, breaststroke, sidestroke, and elementary backstroke. Basic water safety skills. Three hours a week. (Fall, Spring)

**122. Intermediate Tennis.** Credit 1 hour. Prerequisite: KINL 110 or permission of Department Head. Reviews basic skills, terminology, and rules of tennis play, and provides instruction and practice of advanced skills (e.g., use of spin, overhead, service return), singles and doubles strategy, and match play. Three hours of laboratory per week. (Fall, Spring)

**133. Walking for Fitness.** Credit 1 hour. Aerobic conditioning using long distance walking. Designed to assist individuals acquire the knowledge, attitudes, and skills necessary for participation in a lifelong fitness walking program. Three hours a week. (Fall, Spring)

**134. Pump and Run.** Credit 1 hour. This fitness course combines aerobic activity (primarily walking and jogging) with strength training. It is developed to assist individuals acquire the knowledge, attitude, and skills necessary for participation in a lifelong total fitness program. Three hours per week. (As Needed)

**135. Aqua Fitness.** Credit 1 hour. This course is designed to introduce a variety of aquatic exercises to maintain or improve cardiovascular endurance, muscular strength, endurance, and flexibility. Three hours per week. (Fall, Spring)

**140. Martial Arts.** Credit 1 hour. A beginning laboratory course in martial arts open to all university students. Three hours a week. (Fall, Spring)

**141. Advanced Martial Arts.** Credit 1 hour. Prerequisite: KINL 140 or permission of the Department Head. A second laboratory course in martial arts designed to build on knowledge and skills. Three hours a week. (Fall, Spring)

**144. Introduction to Judo.** Credit 1 hour. Introduces basic skills, terminology, and background of Judo. Includes instruction and physical training to develop self-defense techniques and physical fitness. Three hours of laboratory per week. (Fall, Spring)

**145. Intermediate Judo.** Credit 1 hour. Prerequisite: KINL 144. Designed as a second course in Judo. Includes a review of basic skills, terminology, and background of Judo. Provides instruction and training to extend Judo's use in self-defense, and introduces elements of competition. Three hours of laboratory per week. (Fall, Spring)

**203. Basketball.** Credit 1 hour. Individual skills and basic offensive and defensive patterns. Basic rules and strategies. Three hours a week. (As Needed)

**204. Soccer.** Credit 1 hour. Fundamental skills and basic strategies of individual position play as well as teamwork. Three hours a week. (As Needed)

**205. Softball-Flag Football.** Credit 1 hour. Basic skills and strategies of fastpitch and slowpitch softball, flag football, and flickerball. Rules and procedures of play. Three hours a week. (As Needed)

**206. Track and Field.** Credit 1 hour. Rules and techniques in track and field skills. Three hours a week. (As Needed)

**207. Volleyball.** Credit 1 hour. Basic skills and offensive and defensive team play. Rules, procedures and terminology. Three hours a week. (As Needed)

**220. Physical Activity Workshop.** Credit 1 hour. Course identified by description each semester offered. May be repeated as topics vary. (Fall, Spring)

**232. Lifeguard Training.** Credit 1 hour. Must be a strong swimmer to take this course. Students must pass prerequisite skill tests. Covers skills and knowledge required for effective lifeguarding. Successful completion of this course will satisfy the requirements to obtain an American Red Cross Lifeguard Training Certificate. Three hours a week. (Spring)

**311. Recreational Games.** Credit 1 hour. Covers a variety of sports, games, and recreational pursuits appropriate as content of school-based physical education programs. Three hours a week. (As Needed)

**313. Outdoor Leisure Pursuits.** Credit 1 hour. A recreational laboratory class emphasizing introductory instruction and experience in a variety of outdoor leisure pursuits. Topics may be selected from but are not limited to the following: camping, bait casting, boating, backpacking, hiking. Three hours a week. (As Needed)

**372. Water Safety Instructor Course.** Credit 1 hour. Prerequisites: KINL 120 or permission of the Department Head. Emphasis will be on stroke techniques and methodology of teaching basic aquatic programs. Successful completion of this course will satisfy the requirements to obtain an American Red Cross Water Safety Instructor Certificate. Three hours a week. (As Needed)

## Laboratory Courses For Health and PE Majors

Students not majoring in Kinesiology and Health Studies must have permission of the department to schedule these classes.

**209. Content and Teaching Strategies for Swimming.** Credit 1 hour. Basic skills, standard strokes, and teaching methods of beginning swimming. Three hours per week. (Summer, Fall)

**210. Content and Teaching Strategies for Net & Racket Games.** Credit 1 hour. Skills, rules, strategies, and teaching methods of net and racket games. Three hours per week. (As Needed)

**212. Theories and Practice of Recreational Games.** Credit 1 hour. Skills, rules, strategies, and teaching methods of archery, bowling, stunts/tumbling, and pickleball. Three hours a week. (As Needed)

**213. Theories and Practice of Golf and Outdoor Leisure Pursuits.** Credit 1 hour. Skills, rules, strategies, and teaching methods of golf. A recreational laboratory class emphasizing introductory instruction and experience in a wide variety of outdoor leisure pursuits. Topics may be selected from

but not limited to the following: camping, canoeing, boating, backpacking, dayhiking, water safety, fishing and hunting safety, and wilderness first aid. Three hours a week. (As Needed)

**214. Content and Teaching Strategies for School-Based Fitness.** Credit 1 hour. This course will provide content and strategies for teaching fitness, conducting fitness testing and incorporating fitness into games and sports. Three hours per week. (As Needed)

**217. Theories and Practice of Soccer-Track and Field.** Credit 1 hour. Skills, rules, techniques, strategies, and teaching methods of soccer and track and field. Three hours a week. (As Needed)

**218. Theories and Practice of Flag Football-Softball.** Credit 1 hour. Skills, rules, strategies, and teaching methods of flag football and softball. Three hours a week. (As Needed)

**219. Theories and Practice of Basketball-Volleyball.** Credit 1 hour. Skills, rules, strategies, and teaching methods of basketball and volleyball. Three hours a week. (As Needed)

**221. Content and Teaching Strategies for Elementary School Physical Education.** Credit 1 hour. Introduction to content and activities in elementary physical education. This course provides experiences in basic movement skills, fundamental motor skills, games, rhythmic activities and dance. Three hours per week. (As Needed)

**222. Theories and Practice of Teaching Dance.** Credit 1 hour. General knowledge, execution, and teaching methods of fundamentals in movement and creative dance, and social dance. Three hours a week. (As Needed)

**224. Content and Teaching Strategies for Recreational Games, Golf, and Outdoor Recreation.** Credit 1 hour. Skills, rules, strategies, and teaching methods of golf, recreational games, and outdoor leisure pursuits. Three hours per week. (As Needed)

**226. Content and Teaching Strategies for Invasion Games.** Credit 1 hour. Skills, rules, strategies, and teaching methods of invasion games including soccer, flag football, and basketball. Three hours per week. (As Needed)

**228. Content and Teaching Strategies for Track & Field, Volleyball, and Softball.** Credit 1 hour. Skills, rules, strategies, and teaching methods of team sports including track & field, volleyball, and softball. Three hours per week. (As Needed)

## Latin (LAT)

**101. Elementary Latin I.** [LCCN: CLTN 1013, Elementary Latin I]. Credit 3 hours. The beginning course for students with no knowledge of Latin. Non-laboratory approach to the language. Emphasis will be on the development of reading skills and on the essentials of grammar. Offered as the first of four sequential courses (101, 102, 201, 202) designed to provide an overall desired proficiency. A laboratory fee is required for this course. (Fall, Spring)

**102. Elementary Latin II.** [LCCN: CLTN 1023, Elementary Latin II]. Credit 3 hours. Prerequisite: LAT 101 or equivalent. Continuation of LAT 101. A laboratory fee is required for this course. (Fall, Spring)

**201. Intermediate Latin I.** [LCCN: CLTN 2013, Intermediate Latin I]. Credit 3 hours. Prerequisite: LAT 102 or equivalent. Completion and review of basic elements of grammar. Introduction of reading material of moderate difficulty. A laboratory fee is required for this course. (Fall, Spring)

**202. Intermediate Latin II.** [LCCN: CLTN 2023, Intermediate Latin II]. Credit 3 hours. Prerequisite: LAT 201 or equivalent. A course with emphasis on proficiency in reading and continuation of grammar review. A laboratory fee is required for this course. (Fall, Spring)

**311. Advanced Grammar and Translation.** Credit 3 hours. Prerequisite: LAT 202 or equivalent. Casual, concessive, final consecutive, temporal, substantive, conditional, relative clauses; forms and uses of subjunctive; gerunds and gerundives, etc. Further practice in translation from Latin into English and English into Latin. A laboratory fee is required for this course. (As Needed)

**319. Advanced Latin Translation.** Credit 3 hours. Prerequisite: LAT 311 or equivalent. Translation of part of Caesar's *De Bello Gallico*. A laboratory fee is required for this course. (As Needed)

**320. Survey of Latin Literature.** Credit 3 hours. Prerequisite: LAT 319 or permission of Department Head. Translation of passages by some of the best known writers of the Early Period, the Golden Age and the Silver Age of Latin Literature (300 B.C.- A.D. 138). A laboratory fee is required for this course. (As Needed)

## Leadership Training (LT)

**301. Special Topics: Leadership Training.** Credit 3 hours. Designed to provide students with knowledge, attitudes, and skills necessary to become effective in campus organizations. May be repeated for a maximum of six credit hours, as the topics vary. (Summer, Fall, Spring)

## Library Science (LS)

**102. Introduction to Information Research.** Credit 1 hour. A course designed to teach the information research process. Methods for locating and evaluating sources and the creation of effective search strategies are discussed and practiced. Required exercises and assignments reinforce the course content. (Summer, Fall, Spring)

**421. Library Practice.** Credit 3 hours. Prerequisites: LSA 403/503, 404/504, 405/505 and LSED 401/501 or 402/502. Six hours a week work-experience in Sims Memorial Library; practice in the selection, acquisition, and organization of library materials; the use of these materials; and library administrative duties. Education majors will schedule LSA 422 (School Library Practice). (As Needed)

## Library Science Administration (LSA)

**403/503. School Library Administration.** Credit 3 hours. Service objectives and standards of school libraries, including school library management of housing, equipment, acquisition of materials, management of materials, budgets, and use of technology in library management and instruction in information literacy. (As Needed)

**404/504. Classification and Cataloging.** Credit 3 hours. Basic principles of cataloging and classifying books and non-print materials. Study of Dewey Decimal Classification system, professional cataloging tools and technology, and an overview of the Library of Congress classification system and appropriate computer software. Two hours of lecture and two hours of laboratory a week. (As Needed)

**405/505. Library Reference Materials.** Credit 3 hours. Introduction to books and materials most commonly used in a library to answer simpler reference questions; characteristics of both general and specific reference materials (bibliographies, indices, on-line search systems, ERIC, etc.) studied in detail; methods of reference work with teachers and students; teaching the use of reference materials. (Summer)

**406/506. Technology for the Library Media Specialist.** Credit 3 hours. This course is designed to assist the Library Media Specialist integrate to the newest technology into the library program. Instruction will cover aspects of both hardware and software appropriate to the library; purchase and efficient utilization of technology to accomplish routine library tasks, the use of on-line services and planning for future technological utilization and expansion. Requires minimal familiarity with microcomputer. (As Needed)

**580. School Library Practicum.** Credit 3 hours. Prerequisites: Teacher certification or eligibility, LSED 401/501 or 402/502, or LSA 610, LSA 403/503, 405/505, and 406/506. Library administrative experience at elementary, middle, and secondary schools to include observation and participation in all activities in the school library. Qualified students must make application to the Departmental office one (1) semester prior to their registration for LSA 580. (As Needed)

**610. Bibliotherapy.** A course designed to research and explore children's literature and investigate the technique of bibliotherapy in an effort to help children confront and solve personal problems and to enhance their self-concept. (As Needed)

**618. Information Literacy.** Credit 3 hours. A course designed to investigate materials and methods needed to implement the Louisiana Content Standards for information literacy in elementary and secondary schools, including the principles of critical thinking and problem-based learning. Students will learn to recognize the need for information and how to locate, evaluate and effectively use the information available to them. (As Needed)

## Library Science Education (LSED)

**401/501. Books and Related Materials for Children.** Credit 3 hours. Study of reading interests of children at various age levels; principles of book selection for children; tools for selecting books and materials; particular consideration given to writers, illustrators, publishers, and editions; emphasis placed on extensive reading and evaluation of all types of literature for children; methods of presentation; examination of all types of print and non-print resources, including electronic materials. (Summer, Fall, Spring)

**402/502. Books and Related Materials for Young People.** Credit 3 hours. Library in relation to educational program of the school; reading needs and interests of young people; principles of selecting books and materials for young people; aids and tools in selection; reading and evaluating many books for adolescents; methods for guidance in use of library materials; examination of all types of print and non-print resources, including electronic materials. (Summer, Fall, Spring)

**408/508. Educational Material for the Classroom.** Credit 3 hours. Prerequisite: Junior standing. A course designed primarily for persons who will be teaching at the elementary or secondary levels. It is designed to give a working knowledge of the theory and production of classroom teaching/learning materials. Additionally, the course will provide opportunities for students to develop proficiency in the operation and utilization of most types of school audio-visual equipment. Students may take this course as an education elective but it is not to be counted toward certification in media. (As Needed)

**409/509. Instructional Design and Production of Specialized Curriculum Materials.** Credit 3, 6, or 9 hours. Prerequisite: Junior standing or permission of the Department Head. This course is designed to help teachers research, write, and produce specialized materials for their classroom. Course materials developed might include materials such as annotated bibliographies, slide presentations, audio tapes, teachers' guides, or media kits. Students may be required to purchase instructional supplies or pay travel expenses when required. (As Needed)

## Management (MGMT)

**101. Fundamentals of Business Success.** Credit 1 hour. Prerequisite: Freshman standing or permission of the Department Head. Focuses on the fundamentals of business success, basic job interview skills, how to market oneself and provide value to prospective employers through creating the right first impression, dressing for success, projecting confidence, proper body language, personal and business etiquette, etc. Required for freshman business majors; open to students of all levels and majors. (Fall, Spring)

**141. Introduction to Business.** [LCCN: CBUS 1003, General/Introduction to Business Administration]. Credit 3 hours. An orientation course in business activity, including a study of organization, ownership, marketing, personnel, finance, and management. Not open to juniors or seniors majoring in the College of Business. (As Needed)

**210. Microcomputer Applications for Business.** [LCCN: CBUS 2203, Computer Applications]. Credit 3 hours. Emphasis is on hands-on usage of microcomputer applications needed by business such as information/word processing, data base management, spreadsheets and graphics, and other relevant applications as developed. Credit toward the degree will not be granted for both MGMT 210 and CMPS 110. (Summer, Fall, Spring)

**220. Advanced Spreadsheet Applications for Business.** Credit 3 hours. Prerequisite: MGMT 210 or permission of Department Head. A thorough study of the advanced features of spreadsheet applications in business environments. Course includes preparation for the Microsoft Office Specialist Certifications for the MS Excel Core and Expert exams. MOS exams require additional fee. (Summer, Fall, Spring)

**240. Business Communication.** Credit 3 hours. Prerequisite: ENGL 101. Students will learn how to use computer networks and traditional methods to facilitate the following tasks: compose and submit routine business messages; interact with peers on problem-solving teams; research; draft; format; and submit business reports; create and deliver business presentations; seek and maximize job-search resources. (Summer, Fall, Spring)

**321. Family Business Management.** Credit 3 hours. Prerequisite: Junior standing. This course explores the unique challenges and dynamics associated with the family-owned and managed enterprise. Topics include challenges and opportunities for family businesses, the dynamics of family interactions within the family business culture, conflict resolution among family members, building



relationships with non-family managers, stages of family business growth, strategic planning in the family business, and succession planning. (As Needed)

**351. Principles of Management.** [LCCN: CMGM 3103, Principles of Management (Upper Level)]. Credit 3 hours. Prerequisite: Junior standing. Introduction to theory and practice of managing formal organizations, including planning, organizational theory, ethics, international management, human behavior, and control. (Summer, Fall, Spring)

**375. Small Business Management.** [LCCN: CMGM 3413, Small Business Management (Upper Level)]. Credit 3 hours. Prerequisite: MGMT 351. A study of the complexities, challenges, rewards, and risk of managing small businesses. Special focus on forms of ownership, the creation of a business plan, financing small businesses, legal, ethical, and social responsibilities, as well as international opportunities for small businesses. (Fall, Spring)

**391. Management Internship.** Credit 3 hours. Prerequisites: 2.5 Overall GPA, completion of six semester hours in concentration area, and permission of the Department Head. Management internship provides a student with work experience in an assignment selected and approved by the University and Department. Students will earn three hours credit for a minimum of 300 hours of approved work experience. Only management majors can receive credit for the Management Internship course. All grades are assigned on a Pass/Fail basis. (Fall, Spring)

**420. Managing Across Global Environments.** Credit 3 hours. Prerequisite: Junior standing. This course examines the fundamental aspects of the relationships between countries and the international organizations that support the economic, social, and commercial development. Credit toward the degree will not be granted for both MGMT 420 and GB 495. (Fall, Spring)

**425. Introduction to International Business.** [LCCN: CMGM 4213, Management in a Global Context (Upper Level)]. Credit 3 hours. Prerequisite: Senior standing. An introduction to the field of international business. The empirical dimensions of the world economy; business enterprise in international trade; trade channels; effects of economic, political and social environment on international management problems of international operations; the role of government in fostering international business. (Summer, Fall, Spring)

**430. Study Abroad.** Credit 3 hours. Prerequisite: Junior Standing. This course is designed to enrich students' awareness and appreciation for international business and to gain a better understanding of management techniques and national cultures in other countries. (Summer)

**435. Communication for International Business.** Credit 3 hours. Prerequisite: Junior standing. International and cross-cultural communication problems of multinational organization. Analysis of the role of cultural and linguistic barriers to objectives-oriented communication in international business. (Summer, Fall, Spring)

**440. People, Cultures, and Opportunities.** Credit 3 hours. Prerequisite: MGMT 351. Examine organizational issues arising at interface between workforce diversity and corporate sustainability. Discussion of business approaches that create long-term employee and organizational value. Topics include diversity consciousness, corporate social responsibility, and business ethics. (Fall, Spring)

**457. The Art and Science of Negotiation.** Credit 3 hours. Prerequisite: MGMT 351. This course is an introduction to the art and science of negotiation. Students will learn about the nature of negotiation and gain skills that will help them secure agreements in a variety of contexts. The course is designed to be largely experiential, providing students with the opportunity to develop and practice their negotiation skills by participating in role-play exercises. This experiential component enables students to integrate their experiences with the principles presented in the assigned readings and course discussions. (As Needed)

**464. Business Strategy.** Credit 3 hours. Prerequisites: MGMT 351, FIN 381, MRKT 303, OMIS 200 and Senior standing. Application of managerial, financial, marketing, and accounting principles in strategic decision making; extensive use of cases and written reports. (Summer, Fall, Spring)

**471. Human Resource Management.** [LCCN: CMGM 3313, Human Resource Management (Upper Level)]. Credit 3 hours. Prerequisite: MGMT 351. A study of personnel management to include historical development; planning for and organizing the personnel department; selection and training of employees; incentive programs; wages, salary, and fringe benefits; utilization of the labor force; ethical treatment of employees; and management-labor relations. (Summer, Fall, Spring)

**472. Special Topics in Management.** Credit 3 hours. Prerequisite: MGMT 351. A course designed to encourage critical thinking and awareness of current issues and problems confronting business, such as individual and organizational performance issues, ethics, environmental problems, and technological changes. Intensive use of current reference materials, and class discussion. The content may change from semester to semester and will be announced in advance. (As Needed)

**473. Organizational Behavior.** [LCCN: CMGM 4103, Organizational Behavior (Upper Level)]. Credit 3 hours. Prerequisite: MGMT 351. A study of the various methods of motivating employees and handling a multitude of human problems involved in local, national, and international business. The student will actively participate in role-playing situations and will study actual companies in the Southeast Louisiana area. (Summer, Fall, Spring)

**475. Employment Law.** Credit 3 hours. Prerequisites: BLAW 231 and MGMT 471. Legal concepts underlying employment laws including evaluating job descriptions and job specifications, wrongful discharge, wage and hour laws, anti-discrimination statutes, and development of employment policies that ensure fair treatment of employees within the legal system. (Fall, Spring)

**476. Seminar in Applied Human Resource Management.** Credit 3 hours. Prerequisites: BLAW 231, MGMT 471 and consent of Department Head; only open to seniors in the Human Resource Management concentration. A skills-based course for seniors in the human resource management concentration. Emphasis is placed on fusing theory and practice in the areas of human resource planning, staffing, performance evaluation, compensation, and training and development (Fall, Spring)

**478. Leadership.** Credit 3 hours. Prerequisite: MGMT 351; Senior Standing (or permission of Dept. Head). An overview of theoretical and practical aspects of organizational leadership. Critically examines leadership approaches, debates, and controversies. Emphasizes the development of leadership approaches, ethics, and controversies. Emphasizes the development of leadership skills for influence in organizational settings. (Summer, Fall, Spring)

**485/585. Creativity, Innovation and Entrepreneurship.** [LCCN: CMBM3513, Introduction to Entrepreneurship (UPPER LEVEL)]. Credit 3 hours. Prerequisite: Junior standing. A study of the role of creativity and innovation in the process of developing new products, services or ideas as the basis for new venture creation. Focus on tools to facilitate entrepreneurial creativity and the development of skills using them, as well as on factors that support or hinder innovation and entrepreneurship. (Fall, Spring)

**620. Environmental Management.** Credit 3 hours. A course designed to provide students an overview of the issues and concepts associated with the business-economy/environmental interaction. The course will focus on the evolution of four themes, or four "shades of green," that contribute toward creating and sustaining competitive and strategic advantage. (Fall)

**630. Study Abroad.** Credit 3 hours. Prerequisite: Graduate Standing. This course is designed to enrich students' awareness and appreciation for international business and to gain a better understanding of management techniques and national cultures in other countries. (Summer)

**650. Health Care Law.** Credit 3 hours. A course designed to familiarize the student with federal and state laws and regulations which affect the management of health care centers such as hospitals and nursing homes. (As Needed)

**656. Advanced Health Care Administration.** Credit 3 hours. A course designed to focus on many of the varied skills and disciplines which must be mastered in order to be a highly effective health care manager. Emphasis is placed on an accurate and relatively comprehensive picture of health care management theory and practice that should serve as a foundation for further development within the field of health care administration. (As Needed)

**657. The Art and Science of Negotiation.** Credit 3 hours. This course exposes students to a broad range of negotiation techniques, including complex, advanced techniques and issues associated with the digital age. Students will learn about the nature of negotiation and gain skills that will help them secure agreements in a variety of contexts. This course is designed to be largely experiential, providing students with the opportunity to develop and practice their negotiation skills by participating in role-play exercises. This experiential component enables students to integrate their experiences with the principles presented in the assigned readings and course discussion. (Spring)

**663. Organization Theory and Behavior.** Credit 3 hours. Prerequisite: MGMT 351. Contributions of both formal theory of organizations and the behavioral sciences are examined as they impact upon organizational functions and processes. (Summer, Fall, Spring)

**683. Business Policy and Strategy.** Credit 3 hours. Prerequisite: Open to MBA candidates during the last twelve hours of the program. This is the integrative capstone course for graduate students in business and utilizes a systems perspective to analyze complex organizational issues and problems from the viewpoint of top management. The case method is used for problem identification and solution proposals. (Summer, Fall, Spring)

**695. Special Topics in Management.** Credit 3 hours. Prerequisite: Graduate standing. A seminar course focusing on selected issues in management. The content will change from semester to semester and will be announced in advance. (Fall, Spring)

## Marketing (MRKT)

**123. Contemporary Marketing.** Credit 3 hours. A survey course which introduces the student to the ABCs of marketing. Focuses on current developments in the application of marketing techniques in such areas as entertainment (e.g., movies), special events (e.g., festivals, sports, concerts), and e-Commerce. Designed to serve various groups of students—those from other colleges/departments who would like to develop an understanding of marketing; those who are undecided about a major and would like to explore marketing as a possibility; and those who desire to take a contemporary marketing course to assist them in their present career path. Not open to students who have previously earned credit for MRKT 303 or Juniors and Seniors majoring in the College of Business. May be used as a Business Elective, but not a Marketing Elective in the Marketing Degree Curriculum. (As Needed)

**205. Social Media and Personal Branding.** Credit 3 hours. This course will prepare students to utilize social media and other tools to effectively present their personal brand to employees and clients. Students will learn about a wide range of media channels and how to best deploy their brand through the most appropriate channels. The active utilization of these channels for both personal and business application will be explored. (As Needed)

**303. Principles of Marketing.** [LCCN: CMKT 3003, Principles of Marketing (Upper Level)]. Credit 3 hours. Prerequisite: Junior standing. An introductory analysis of the marketing functions and institutions; problems involved in the methods of marketing products; introduction to the area of marketing management. (Summer, Fall, Spring)

**310. Foundations of Marketing Design.** Credit 3 hours. Prerequisite: Junior standing. Marketing identity is communicated through its collateral pieces, such as brochures, business cards, and its online presence. Thoughtful design is necessary to create an impact. This is an introductory course that develops technical skills and artistic awareness demanded by companies to create marketing communications using software that is considered industry standard. Students will complete projects applying marketing concept development and logo design. They will create common collateral pieces such as brochures, flyers, and posters. (As Needed)

**314. Public Relations.** Credit 3 hours. Prerequisites: ENGL 102 and Junior standing. This course provides an introduction to the purposes and practices of public relations, its role in administration, its role in society, and its potential as a career. This is a survey course which emphasizes both theory and practice. (Fall, Spring)

**319. Consumer Behavior.** Credit 3 hours. Prerequisites: MRKT 303 and Junior standing. A study of consumer interests, consumer needs and demands, and an exploration of the cultural, social, and psychological determinants of buying behavior. Emphasis is placed on the behavioral sciences with the aim of providing bases for developing marketing strategy. (Summer, Fall, Spring)

**320. Purchasing Management.** [LCCN: CMKT 3203, Personal/Professional Selling (Upper Level)]. Credit 3 hours. Prerequisites: MRKT 303 and Junior Standing. A course that introduces the role of purchasing in the organization along with its basic functional areas including the evolution of the function, the purchasing process, policy and procedures, strategic sourcing, outsourcing, supplier evaluation, supplier selection, quality management, supplier development, international sourcing, cost management, contracts, negotiation, purchasing of transportation services, EDI, and the legal and ethical aspects of purchasing. Credit toward the degree will not be granted for both MRKT 320 and OMIS 325. (Fall, Spring)

**321. Personal Selling.** [LCCN: CMKT 3203, Personal Selling]. Credit 3 hours. Prerequisite: Junior standing. A study of the principles of salesmanship; including background for selling, and the selling process, with special emphasis on the oral sales presentation by the student. (Summer, Fall, Spring)

**331. Retailing.** [LCCN: CMKT 3103, Retail Marketing]. Credit 3 hours. Prerequisites: MRKT 303 and Junior standing. A course dealing with the retail store, emphasizing the importance of organization, location, store policies and administrative decision making. (Summer, Fall, Spring)

**332. Business to Business Marketing.** Credit 3 hours. Prerequisites: MRKT 303 and Junior standing. A problem-solving approach to the marketing of business, industrial, and governmental goods and services; including an analysis of the purchasing function from the vendor's viewpoint.

Emphasis is given to product planning and development; technical advisory and management services; distribution channels and methods; cost/price/profit relationships and practices; and promotion in the various segments of the industrial market. (As Needed)

**342. Advertising.** Credit 3 hours. Prerequisite: Junior standing. An introductory course in advertising, including an explanation of its vast importance in the distribution of consumer goods, description of the various methods of advertising and the developing of the copy and the layout of the complete advertisement. (Summer, Fall, Spring)

**373. Social Media and Digital Marketing.** Credit 3 hours. Prerequisite: MRKT 303. A course in the development and use of social and digital media in marketing. Social media, mobile applications of marketing and the use of developing technologies to augment and expand marketing impact. (As Needed)

**391. Marketing Internship.** Credit 3 hours. Prerequisites: MRKT 303, Junior Standing, 2.5 adjusted grade point average and permission of the Department Head. The Marketing Internship provides a student with marketing experience in an assignment selected and approved by the University with a cooperating business firm. Students will earn three hours credit for a minimum of 300 hours of approved work experience. Only marketing majors can receive credit for the Marketing Internship course. All grades are assigned on a Pass/Fail basis. (Summer, Fall, Spring)

**392. Marketing Internship.** Credit 3 hours. Continuation of MRKT 391. In order to obtain credit for MRKT 392, the work assignment must be different from that of MRKT 391. (Summer, Fall, Spring)

**421. Advanced Professional Sales.** Credit 3 hours. Prerequisite: MRKT 321. An advanced course in sales intended to develop a high level of competence in professional selling. Role playing and interactive exercises, negotiation exercises, lectures, and the use of CRM in sales will develop sales competence in students to a high level. Students will participate in multiple presentations where knowledge of sales techniques and outcomes, and the development of professional sales skills will be emphasized. (As Needed)

**425. Sales Management.** Credit 3 hours. Prerequisite: Marketing 303. A study of the principles and concepts of sales planning and control. Emphasis is placed on the organization of sales departments, developing territories, motivating salesmen, and control over sales operations. (As Needed)

**432. Marketing Research.** Credit 3 hours. Prerequisites: MRKT 303 and OMIS 200 or MATH 241. A study of modern marketing research techniques and their application by marketing management to marketing strategy, sales forecasting, pricing, packaging, distribution, and other areas requiring marketing management decisions. (Summer, Fall, Spring)

**435. e-Commerce and Marketing Strategy.** Credit 3 hours. Prerequisites: MRKT 303, OMIS 360 and Junior Standing. This course introduces students to Internet-based marketing strategy and related issues, ranging from identification of market opportunities via WWW to evaluation of marketing strategy on the Internet. Topics include: e-Business models, identification of online business opportunities and market segmentation, online marketing research, online customer behavior, the Internet marketing strategy and its components, the Internet as a distribution channel, Internet sales process, virtual storefront, online customer relationship management, effective pricing decisions, and implementation of e-commerce marketing strategy and its evaluation. (Fall, Spring)

**442/542. Advanced Advertising.** Credit 3 hours. Prerequisites: MRKT 303 and 342, Senior or Graduate standing. An advanced course emphasizing the application of previously learned advertising principles through the development of multiple advertisements for a variety of media including magazines, radio and television. Additional course work will be required for 542 credit. (Fall, Spring)

**443. International Marketing.** Credit 3 hours. Prerequisite: MRKT 303. A study of resources of foreign market information; trading channels abroad; elements of foreign market surveys; foreign sales promotion; financing of international trade transactions. (As Needed)

**444. Marketing Management.** Credit 3 hours. Prerequisites: MRKT 303 and Senior standing. A study of Marketing from managerial viewpoints. A critical analysis of opportunity assessment, marketing planning and programming, marketing leadership and organization, evaluation and adjusting marketing effort. (Summer, Fall, Spring)

**475/575. Current Marketing Issues.** Credit 3 hours. Prerequisite: MRKT 303 or consent of the Department Head. A variable content course which treats subjects of special interest in the field of Marketing. The content may change from semester to semester and will be announced in advance. May be taken by both majors and non-majors. (Spring)

**476. Asian Marketing Issues.** Credit 3 hours. Prerequisite: Junior Standing. This course is designed to enrich students' awareness and appreciation of Asian marketing practices and their understanding of the Asian market. Implication of Asian marketing practices, regional economic integration, and environmental issues as they relate to marketing are investigated. (Summer)

**478. Latin American Marketing Issues.** Credit 3 hours. Prerequisite: Junior Standing. This course is designed to enrich students' awareness and appreciation of Latin American marketing practices and their understanding of the Latin American market. Implications of Latin American marketing practices, regional economic integration, and environmental issues as they relate to marketing are investigated. (Summer)

**480. Marketing Yourself for Success.** Credit 3 hours. Prerequisite: Senior standing. This senior level course helps ensure a successful transition into the professional environment. Students will learn to sell themselves in a competitive market, enhance their interview skills, develop and leverage a professional network, and create a personal portfolio. Topics such as contract negotiation and interpersonal problem solving skills will be discussed. This class will involve a significant interaction with the local business community. (As Needed)

**623. Marketing Communications.** Credit 3 hours. Prerequisites: MRKT 303 and Graduate standing. A study of the role that advertising, marketing information systems, personal selling, promotion, public relations, and communications theory play in the accomplishment of a firm's total marketing objectives. (Summer)

**650. Business Research.** Credit 3 hours. Prerequisites: OMIS 200, 600 and Graduate standing. Examination of research methods and techniques and their application to individual problems. Introduction to sources of business information. Emphasis on basic experiment, survey, and descriptive techniques. The place of business research in management. (As Needed)

**673. Marketing Administration.** Credit 3 hours. Prerequisites: MRKT 303 and Graduate standing. A study of the various problems and policy decisions required in the areas of product policies, price policies, distribution policies, and promotion policies. (Summer, Fall, Spring)

**676. Strategic Marketing Management in Asia.** Credit 3 hours. Prerequisite: Graduate Standing. This course is an in-depth look at marketing management activities in Asia. Marketing strategy application and current activities impacting marketing efforts are studied. This course is designed to give students insights into how regional and global issues impact marketing. (Summer)

**678. Strategic Marketing Management in Latin America.** Credit 3 hours. Prerequisite: Graduate standing. This course is an in-depth look at marketing management activities in Central America. Marketing strategy applications and current activities impacting marketing efforts are studied. The course is designed to give students specific insights into how regional and global issues impact marketing. (Summer)

**695. Special Topics in Marketing.** Credit 3 hours. Prerequisite: Graduate standing. A seminar course focusing on selected issues in marketing. (As Needed)

## Marriage, Couple, and Family Counseling (MCFC)

**621. Introduction to Marriage, Couple, and Family Counseling.** Credit 3 hours. An introduction to the profession, major theories, and practices of marriage and family therapy, including the historical development and principle conceptualization of cybernetic and systems theory. (Summer, Fall)

**622. Advanced Theory in Marriage, Couple, and Family Counseling.** Credit 3 hours. Prerequisites: HD 601, CED 603, CED 605, and MCFC 621. A study of advanced theories of counseling and psychotherapy employed in the practice of marriage and family therapy. The course will include an examination of systems and cybernetic theory, as well as the study of the post-modernist perspectives of constructivism and social constructionism. (Fall)

**626. Techniques in Marriage, Couple, and Family Counseling.** Credit 3 hours. Prerequisites: MCFC 621 and MCFC 683 (or concurrent with MCFC 683). A course focusing on basic clinical interviewing procedures and interventions commonly used with couples and families, utilizing selected major theories of marriage and family counseling. (Spring)

**683. Marriage, Couple, and Family Counseling Practicum.** Credit 3 hours. Prerequisites: CED 609, CED 610, and MCFC 621. A practicum course focusing on a study of specialized techniques utilized in the practice of marriage and family therapy. The course involves critical activity and practice to refine interventions with couples and families. This course will be graded Pass/Fail only. (Fall, Spring)

**693. Marriage, Couple, and Family Counseling Internship.** Credit 3 hours. Prerequisite: MCFC 683. Supervised experience in a setting appropriate to the student's program area emphasizing competencies in family systems. Students must complete 600 clock hours over the course of their final two semesters, and must register each semester for a total of 6 credit hours. The internship is graded Pass-Fail. (Summer, Fall, Spring)

## Master of Arts in Teaching (MAT)

**610. Fundamentals I: Teaching and Learning for General Education.** Credit 3 hours. Prerequisites: Full SARTE status and concurrent enrollment in MAT 615, MAT 620, and MAT 630. An introduction to general education. Topics include contemporary issues such as the effective educator, school law, rights and responsibilities, educational foundations and philosophies, and best practices, including self-assessment. Field experience is required. (Summer)

**615. Fundamentals II: Teaching and Learning for Special Education.** Credit 3 hours. Prerequisites: Full SARTE status and concurrent enrollment in MAT 610, MAT 620, and MAT 630. An introduction to children with exceptionalities. Topics include physical, mental, emotional and social traits of individuals with exceptionalities, legal issues related to special education, and current trends. Field experience is required. (Summer)

**620. Learning and Behavior Theories in Inclusive Elementary Classrooms.** Credit 3 hours. Prerequisites: Full SARTE status and concurrent enrollment in MAT 610, MAT 615, and MAT 630. The study and application of learning and behavioral theories including taxonomies of learning, pedagogical principles, child and adolescent development, and teaching and managing diverse populations. Field experience is required. (Summer)

**622. Classroom Management and Organization for Inclusive Elementary Classrooms.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615, MAT 620, and MAT 630, and concurrent enrollment in with MAT 631 and MAT 640. The study and application of behavioral and humanistic approaches to classroom management and motivation with an emphasis on process, principles, and theories related to changing inappropriate behaviors. This course includes group management, behavior modification, conflict resolution, assertiveness, responsibility training, anti-social behavior and youth at risk, aggression and mistaken goals and preventive discipline techniques. Field experience is required. (Fall)

**623. Classroom Management and Organization for Secondary Education.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615, and MAT 620. A detailed investigation of behavioral and humanistic approaches to classroom management and motivation with an emphasis on process, principles, and theories related to changing inappropriate behaviors. This course includes group management, behavior modification, conflict resolution, assertiveness, responsibility training, anti-social behavior and youth at risk, aggression and mistaken goals and preventive discipline techniques. Field experience will be required. (As Needed)

**630. Assessment I: Inclusive Elementary Classroom Education.** Credit 3 hours. Prerequisites: Full SARTE status and concurrent enrollment in MAT 610, MAT 615, and MAT 620. Use of assessment in the modern school program. Topics will include lesson plan development, matching objectives to assessment, informal teacher-made tests and performance-based assessment as well as an introduction to case study design, standardized tests, and curriculum-based assessment. Field experience is required. (Summer)

**631. Assessment II: Inclusive Elementary Classroom Education.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615, MAT 620, and MAT 630. Concurrent enrollment in MAT 622 and MAT 640. Continuation and application of Assessment I (MAT 630). Topics will include reading diagnostics as well as advanced case study design, standardized tests, and curriculum-based assessment. Students will begin to explore topics for their action research projects. Field experience is required. (Fall)

**636. Assessment II: Secondary Education.** Credit 3 hours. Prerequisites: Full SARTE status, MAT 610, MAT 615, MAT 620, and MAT 630. This course is designed as a continuation and application of the concepts examined in Assessment I. Emphasis will be placed on partnerships with parents and colleagues regarding school and classroom expectations and student progress. Changes that have occurred in practice for student evaluation will be addressed. Field experience is required. (As Needed)

**640. Introduction to Reading and Language Arts in Inclusive Elementary Classrooms.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615,

MAT 620, and MAT 630. Concurrent enrollment in MAT 622 and MAT 631. A study of the reading, writing, and language processes as a fundamental aspect of the elementary and special education curriculum. Special attention will be given to the basic reading skills and strategies needed by mature readers. The latest in theories, methods, and materials will be appraised through study, observations, and demonstrations in classrooms. Field experience is required. (Fall)

**642. Literacy Instruction for Secondary Education.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615, MAT 620, and MAT 630. A study of theories and methods for integrating literacy instruction in content area classrooms. Reading assessments and literacy strategies that are designed to increase vocabulary learning and comprehension of expository text are introduced and practiced. Field experience will be required. (As Needed)

**650. Integrated Learning Methods: Math, Physical Science, and Information Literacy.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615, MAT 620, MAT 622, MAT 630, MAT 631, and MAT 640. Concurrent enrollment in MAT 651 and MAT 652. Integrated course in methodology for teaching math, physical sciences, and information literacy to diverse groups of learners in inclusive elementary classes. Thematic units will be designed to include integrated content from the three subject areas. Development of literacy competencies for informational text and children's literature are also integrated into instructional planning, teaching, and assessment. Field experience is required. Professional development hours are required. (Spring)

**651. Integrated Learning Methods: Life Sciences, Health and P.E., and Information Literacy.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615, MAT 620, MAT 622, MAT 630, MAT 631, and MAT 640. Concurrent enrollment in MAT 650 and MAT 652. Integrated course in methodology for teaching math, physical sciences, and information literacy to diverse groups of learners in inclusive elementary classes. Thematic units will be designed to include integrated content from the three subject areas. Development of literacy competencies for informational text and children's literature are also integrated into instructional planning, teaching, and assessment. Field experience is required. Professional development hours are required. (Spring)

**652. Integrated Learning Methods: Social Studies, Arts, Music, and Information Literacy.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615, MAT 620, MAT 622, MAT 630, MAT 631, and MAT 640. Concurrent enrollment in MAT 650 and MAT 651. Integrated course in methodology for teaching math, physical sciences, and information literacy to diverse groups of learners in inclusive elementary classes. Thematic units will be designed to include integrated content from the three subject areas. Development of literacy competencies for informational text and children's literature are also integrated into instructional planning, teaching, and assessment. Field experience is required. Professional development hours are required. (Spring)

**660. Specialty Area Learning Methods I: Secondary Education.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615, MAT 620, and MAT 630. Consideration of methods and materials in the student's major content teaching field. The course includes field experience at the secondary level. (Fall, Spring)

**661. Specialty Area Learning Methods II: Secondary Education.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of MAT 610, MAT 615, MAT 620, MAT 630, and MAT 660. A continuation of the consideration of methods and materials in the student's major content teaching field. The course includes field experiences at the secondary level. (Fall, Spring)

**662. Apprenticeship I in Elementary or Secondary Education.** Credit 9 hours. Prerequisites: Full SARTE status, successful completion of Introductory Portfolio, passing score on the Content PRAXIS II, Minimum 2.5 GPA required with a 3.0 GPA preferred to make application, and permission of the department head and school district. Also offered as EDUC 448. This apprenticeship provides the Elementary or Secondary Education major or alternative certification candidate with an assigned placement selected and approved by the University in partnership with a cooperating school/district. The content of this apprenticeship encompasses materials and methods including best practices and innovative teaching strategies in the teacher candidate's major field of certification that is engaged through on-the-job training in the school environment. Lesson planning, alternative assessment, classroom management, and education technology are topics addressed in the apprenticeship. Teacher candidates will earn nine hours of credit for a minimum of 500 hours of approved work experience that follows the school district calendar. Candidates must apply with written application, interview and be selected as an apprentice teacher. (As Needed)

**670. Research Design for Inclusive Elementary Classroom Education.** Credit 3 hours. Prerequisites: Full SARTE status and successful completion of all MAT courses other than student

teaching or internship. Principles and procedures for exploring, analyzing, and studying educational problems. Qualitative, quantitative, and single-subject research design methods will be examined in relation to their application for improving education for students in inclusive elementary classes. Survey of significant research studies and application of research principles within action research in the classroom will be implemented. (Summer)

**681. Student Teaching in the Elementary and Mild/Moderate Special Education Classroom.** Credit 6 hours. Prerequisites: See Requirements for Student Teaching section for the MAT degree program. All-day, all-semester student teaching experiences, including observation, participation, and a minimum of 180 actual clock hours of teaching under the supervision of the assigned cooperating, school teacher. Students may not student teach outside the service region of Southeastern Louisiana University. Available on a pass/fail basis only. (Fall, Spring)

**682. Practicum in Elementary or Mild/Moderate Special Education.** Credit 3 hours. Prerequisites: Full SARTE status and all previous MAT course work. When MAT 683 requirements for an inclusive classroom setting cannot be met, this course will be required to assure that intern candidates have opportunities for working with students in both certification areas. A field-based course designed to provide teaching opportunities for working with students in a certification area not covered in the employment setting. Interns employed in a regular elementary classroom must take the practicum in mild/moderate special education, and interns teaching in mild/moderate special education classrooms must take practicum in Elementary Education. Available on a pass/fail basis only. (As Needed)

**683. Internship in Elementary and Mild/Moderate Special Education.** Credit 3 hours. Prerequisites: See Requirements for Internship section for the MAT degree program. To be repeated for two consecutive semesters for a total of six hours. An internship designed to meet the requirements for the Master of Arts in Teaching degree program. Students will enroll in this course for both semesters of the internship year. Approval of the Director of Performance Assessment is required. Available on a pass/fail basis only. (As Needed)

**684. Student Teaching in Mild/Moderate Special Education.** Credit 6 hours. Prerequisites: See Requirements for Student Teaching section for the MAT degree program. All day, all semester student teaching experiences, including observation, participation, and a minimum of 180 actual clock hours of teaching (with a substantial portion of the 180 hours in a full teaching day) under the supervision of the assigned cooperating school teacher. Students may not student teach outside the teacher education service region. Available on a pass/fail basis only. (As Needed)

**686. Student Teaching in the Secondary Classroom.** Credit 6 hours. Prerequisites: See Requirements for Student Teaching section for the MAT degree program. All-day, all-semester student teaching experiences, including observation, participation, and a minimum of 180 actual clock hours of teaching under the supervision of the assigned cooperating, school teacher. Students may not student teach outside the service region of Southeastern Louisiana University. Available on a pass/fail basis only. (As Needed)

**687. Internship in the Secondary Classroom.** Credit 3 hours. Prerequisites: See Requirements for Internship section for the MAT degree program. To be repeated for two consecutive semesters for a total of six hours. Students will enroll in this course for both semesters of the internship year. Approval of the Director of Student Teaching is required. Students may not intern outside the service region of Southern Louisiana University. Available on a pass/fail basis only. (As Needed)

**688. Internship in Elementary Education (Grades 1-5).** Credit 3 hours. Prerequisites: See Requirements for Internship section for the MAT degree program. To be repeated for two consecutive semesters for a total of 6 hours. An internship designed to meet the requirements for the Master of Arts in teaching degree program. Approval of the Director of Student Teaching is required. Students may not intern outside the teacher education region. Available on a pass/fail basis only. (As Needed)

**689. Student Teaching in Elementary Education (Grades 1-5).** Credit 6 hours. Prerequisites: See Requirements for Student Teaching section for MAT degree program. All day, all semester student teaching experiences, including observation, participation, and a minimum of 180 actual clock hours of teaching (with a substantial portion of the 180 hours in a full teaching day) under the supervision of the assigned cooperating school teacher. Students may not student teach outside the teacher education service region. Available on a pass/fail basis only. (As Needed)

**690. Internship in Mild/Moderate Special Education.** Credit 3 hours. Prerequisites: See Requirements for Internship section for the MAT degree program. To be repeated for two consecutive semesters for a total of six hours. Students may not intern outside the teacher education service region. Available on a pass/fail basis only. (As Needed)



## Math Education (MTED)

**385. Methods for School Mathematics.** Credit 4 hours. Prerequisite: Concurrent enrollment in or prior credit for MATH 360, 370, or 380. Course will cover teaching methods and strategies for topics in the grades 7-12 mathematics curricula. This course is designed for teacher candidates who will be teaching mathematics primarily at the secondary level. The course includes a 30-hour field experience component involving direct teaching in the secondary mathematics classroom. Two hours lecture per week. (As Needed)

**386. Methods for School Mathematics.** Credit 3 hours. Prerequisite: Concurrent enrollment in or prior credit for MATH 360, 370, or 380. Course will cover teaching methods and strategies for topics in the secondary mathematics curricula. This course is designed for teacher candidates who will be teaching mathematics primarily at the secondary level. The course includes a 30-hour field experience component involving direct teaching in the secondary mathematics classroom. One hour of lecture per week. (As Needed)

**611. Topics in Algebra for Teachers, Grades 1-8.** Credit 3 hours. Prerequisite: Regular admission to Graduate Studies. A course designed to relate the algebraic concepts and processes taught and discussed in grades 1-8 to the mathematically unifying concept of algebraic structure, the properties and operations of the natural numbers, integers, rational, and real numbers, patterns, relations, and functions; analysis of mathematical situations and structures using algebraic symbols; and analysis of change in various contexts. Students will be expected to become familiar with the research in the teaching and learning of algebra and the implications of this research to the teaching of algebra in grades 1-8. (As Needed)

**612. Topics in Geometry and Measurement for Teachers, Grades 1-8.** Credit 3 hours. Prerequisite: Regular admission to Graduate Studies. A course designed to study various mathematical approaches to the geometric concepts and measurement processes taught and discussed during grades 1-8. Concepts will include coordinate geometry, transformations, symmetry, modeling, measurement, the development of the educational structure of the van Heile levels and its application to the teaching of geometry and measurement, the research in the teaching and learning of geometry and measurement, and the implications of this research to the teaching of geometry and measurement in grades 1-8. (As Needed)

**615. Topics in Number Theory for Elementary and Middle School Teachers.** Credit 3 hours. Prerequisite: Regular admission to Graduate Studies. A course designed to study properties and patterns of natural numbers with emphasis on prime numbers, divisibility, and congruences. Students will be exposed to number theoretic results from a historical perspective, the connection between number theory, algebra and patterns, how the concepts of number theory can appear in mathematics curriculum, in grades 1-8, and the research in the teaching and learning of number theoretical concepts in grades 1-8. (As Needed)

**616. Topics in Data Analysis and Probability for Teachers, Grades 1-8.** Credit 3 hours. Prerequisite: Regular admission to Graduate Studies. An introduction to informal comparing, classifying, and counting activities that provide the mathematical beginnings for developing young learners' understanding of data, analysis of data, and statistics. Probability will be approached as the study of activities that underlie experimental probability. Statistics will be approached as both a descriptive and predictive science. Students will be expected to become familiar with the concepts of data analysis and probability that appear in the mathematics curriculum, in grades 1-8, and the research in the teaching and learning of data analysis and probability concepts in grades 1-8. (As Needed)

**622. Topics in Geometry for Teachers, 7-14.** Credit 3 hours. Prerequisites: Regular admission to Graduate Studies and completion of MATH 200 with a grade of C or better. A course designed to study various mathematical approaches to the geometric concepts and processes taught and discussed during grades 7-12 and in the community colleges. Topics include geometric concepts and processes through axiomatics, coordinate geometry, vectors, and groups of transformations, the historical development of the educational structure of the van Heile levels. The students will be expected to become familiar with the research in the teaching and learning of geometry and the implications of this research to the teaching of geometry in grades 7-14. (As Needed)

**623. Topics in Calculus for Teachers, 7-14.** Credit 3 hours. Prerequisites: Regular admission to Graduate Studies and completion of MATH 200 with a grade of C or better. A study of the concepts of calculus with an emphasis on the concepts of limit, continuity, derivative and integral, real world problems, the appropriate use of technology including computer algebra systems in the teaching and

learning of calculus, the research in the teaching and learning of calculus, and the implications of this research to the teaching of the concepts of calculus in grades 7-14. (As Needed)

**625. Topics in Number Theory for Teachers, 7-14.** Credit 3 hours. Prerequisites: Regular admission to Graduate Studies and completion of MATH 200 with a grade of C or better. A course designed to study properties of natural numbers with emphasis on prime numbers, divisibility, and congruencies. Topics include number theoretic results from a historical perspective and the connection between number theory and algebra. Students will be expected to become familiar with how the concepts of number theory can appear in the mathematics curriculum, in grades 7-14, and the research in the teaching and learning of number theoretical concepts in grades 7-14. (As Needed)

**626. Topics in Probability and Statistics for Teachers, 7-14.** Credit 3 hours. Prerequisites: Regular admission to Graduate Studies and completion of MATH 200 with a grade of C or better. An introduction to the study of probability and statistics with an emphasis on the mathematical theories of both. Probability will be approached as the study of specific functions with certain properties. Statistics will be approached as both a descriptive and predictive science. Statistical packages will be utilized as well as studied for their impact on the teaching of statistics. Students will be expected to become familiar with the concepts of probability and statistics that appear in the mathematical curriculum, in grades 7-14, and the research in the teaching and learning of probability and statistical concepts in grades 7-14. (As Needed)

## Mathematics (MATH)

No credit will be given for any 100- level mathematics course taken subsequent to a 200-level course with the exception of Math 241 or MATH 277 without permission of the Department Head of Mathematics.

Under special circumstances, the Department Head may grant permission for a student who does not meet the prerequisites for a course to take that course.

**92. Transitional Math.** Credit 3 hours. A course in intermediate algebra skills including linear equations, linear functions, systems of linear equations, inequalities, polynomials and factoring, rational expressions, radicals and rational exponents, and quadratic equations. The course is designed to prepare students for College Algebra. The final course grade will be on a Pass (P) or Unsatisfactory (U) basis. Credit hours earned do not count toward graduation. A laboratory fee is required for this course. (Summer, Fall, Spring)

**105. Finite Mathematics.** [LCCN: CMAT 1313, Finite Mathematics]. Credit 3 hours. Prerequisite: Mathematics ACT score of 19 or above or an appropriate score on the Accuplacer exam or satisfactory completion of an appropriate developmental mathematics course. An introductory level course covering mathematical ideas appropriate for students majoring in disciplines that do not require calculus or calculus-preparation courses, including algebra and trigonometry. Topics include linear equations and linear inequalities, linear programming, matrix theory, sets and counting techniques, permutations and combinations, financial math, and an introduction to probability and statistics. A laboratory fee is required for this course. (Summer, Fall, Spring)

**151. College Algebra with Fundamentals.** Credit 3 hours. Prerequisite: Mathematics ACT score of 19 or above or an appropriate score on the Accuplacer exam or satisfactory completion of an appropriate developmental mathematics course. A study of families of functions and their graphs. Topics include linear, polynomial, rational, exponential and logarithmic functions, and systems of equations. This course will also include algebra fundamentals including operations with exponents, polynomial and rational expressions, factoring polynomial expressions, solving linear, polynomial, rational, and literal equations. A student may not receive credit for both MATH 151 and MATH 161. Three hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**161. College Algebra.** [LCCN: CMAT 1213, College Algebra]. Credit 3 hours. Prerequisite: A score of 21 or above on the Mathematics section of the ACT. A study of families of functions and their graphs. Topics include linear, polynomial, rational, exponential and logarithmic functions, and systems of equations. Functions will be used to model and solve application-based problems. A student may not receive credit for both MATH 151 and MATH 161. A laboratory fee is required for this course. (Summer, Fall, Spring)

**162. Plane Trigonometry.** [LCCN: CMAT 1223, Trigonometry]. Credit 3 hours. Prerequisite: MATH 151 or 161. The study of trigonometric functions. Topics include the laws of sine and cosine,

the trigonometric functions and their graphs, inverse trigonometric functions, trigonometric identities and equations, complex numbers, graphs of parametric equations and graphs in polar coordinates. Trigonometry and trigonometric functions will be used to model and solve real world applications. (Summer, Fall, Spring)

**163. Applied Calculus.** [LCCN: CMAT 2103, Applied Calculus]. Credit 3 hours. Prerequisite: MATH 151 or 161. An introduction to differential and integral calculus. Topics will include limits, the derivative, antiderivatives, and the definite integral. Polynomial, rational, radical, exponential, and logarithmic functions will be studied. Not open to students with credit for MATH 200. (Summer, Fall, Spring)

**165. Pre-calculus with Trigonometry.** [LCCN: CMAT 1233, Algebra and Trigonometry]. Credit 3 hours. Prerequisite: MATH 151 or 161 or ACT score in mathematics of 25 or higher. Topics will include a study of conic sections, general quadratic equations, systems of linear and general quadratic equations, exponential, logarithmic, and rational functions, properties and applications of trigonometric functions. (Summer, Fall, Spring)

**177. [167] Mathematics for Elementary and Middle School Education I.** Credit 3 hours. Prerequisite: A grade of "C" or better in either MATH 151 or 161. Basic concepts of problem solving, numeration systems, computational facility, number theory, and integers. Students must also earn a score of 80% or better on a Basic Skills Test. No calculators allowed for this course. This course may not be used to satisfy the General Education requirements. 3 hours lecture per week. (Fall, Spring)

**185. Contemporary Mathematics.** [LCCN: CMAT 1103, Contemporary Math]. Credit 3 hours. Prerequisite: MATH 105 or 151 or 161. An introduction to topics in contemporary mathematics. Topics may be selected from the theory of finance, perspective and symmetry in art, formal Aristotelian logic, graph theory, probability and odds, elementary number theory, optimization, numeracy in the real world, and historical topics in mathematics that have influenced contemporary mathematics. (Spring)

**200. Calculus I.** [LCCN: CMAT 2115, Calculus I]. Credit 5 hours. Prerequisite: MATH 165 or ACT score in mathematics of 28 or higher. The first of a standard three-course sequence on the foundations of differential and integral calculus. Topics include limits, the derivatives, techniques of differentiation, applications of the derivative, anti-derivatives, definite integrals, and the calculus of transcendental functions. (Summer, Fall, Spring)

**200H. Calculus I Honors.** Credit 5 hours. Prerequisites: Active status in the University Honors Program, MATH 165 or math ACT of 28 or higher, or permission of the Department Head. The first of a standard three-course sequence on the foundations of differential and integral calculus. Topics include limits, the derivatives, techniques of differentiation, applications of the derivative, antiderivatives, definite integrals, and the calculus of transcendental functions. (Fall)

**201. Calculus II.** [LCCN: CMAT 2125, Calculus II]. Credit 5 hours. Prerequisite: MATH 200. The second of a standard three-course sequence on calculus. Topics include integration techniques, applications of the definite integral, and infinite series. Calculus will be used in the solution of real world applications. (Fall, Spring)

**223. Foundations of Discrete Mathematics.** Credit 3 hours. Prerequisite: MATH 200. This course is designed to introduce students to the techniques of writing mathematical proofs. Topics include logic, quantified statements, elementary number theory, sets, and functions and relations. (Fall, Spring)

**241. Elementary Statistics.** [LCCN: CMAT 1303, Introductory Statistics]. Credit 3 hours. Prerequisite: MATH 105 or 151 or 161. An introduction to statistical reasoning. Topics include graphical display of data, measures of central tendency and variability, sampling theory, the normal curve, standard scores, Student's T, Chi Square, and correlation techniques. (Summer, Fall, Spring)

**277. [267] Mathematics for Elementary and Middle School Education II.** Credit 3 hours. Prerequisite: "C" or better in MATH 177. This course is designed to prepare the student to teach fractions, probability, and data analysis in the K-8 curriculum. Topics include basic concepts of fractions, operations on fractions, ratios, proportions, percents, decimals, real numbers, simple probability, experimental probability, and data analysis of univariate and bivariate data. A scientific calculator is required for this course. This course may not be used for a major or minor in Mathematics. For the purpose of certification in secondary education, this course is considered below the calculus level. Three (3) hours lecture per week. (Fall, Spring)

**287. [168] Mathematics for Elementary and Middle School Education III.** Credit 3 hours. Prerequisite: "C" or better in both MATH 177 and MATH 277. This course is designed to prepare the student to teach geometry for the K-8 curriculum. Topics include basic concepts and properties of

two- and three-dimensional space: perimeter, area, volume, parallelism, perpendicularity, congruence, similarity, transformations, constructions, and formulating formal and informal proofs for geometric conjectures. A scientific calculator is required for the course. This course may not be used to satisfy the General Education requirements. May not be used for major or minor in Mathematics. For the purpose of certification in secondary education, this course is considered below the calculus level. 3 hours of lecture per week. (Fall, Spring)

**309. College Geometry.** Credit 3 hours. Prerequisite: MATH 223. A study of axiomatic systems, advanced Euclidean geometry, hyperbolic geometry, and geometric transformations. (As Needed)

**311. History of Mathematics.** Credit 3 hours. Prerequisite: MATH 200. A survey of the history of mathematics from ancient times. Mathematical topics studied include number bases, Pythagorean triples, figurative numbers, construction of tangent lines to curves, and solutions of cubic and quartic equations. (As Needed)

**312. Calculus III.** Credit 3 hours. Prerequisite: MATH 201. The third of a standard three-course sequence on calculus. Topics include vectors and geometry of 3-space, vector-valued functions, directional derivatives, and multiple and line integrals. (Fall, Spring)

**350. Ordinary Differential Equations.** Credit 3 hours. Prerequisite: MATH 201. An introduction to ordinary differential equations. Topics will include solutions of linear first-order differential equations, higher order equations, linear and nonlinear systems of differential equations, power series solutions, LaPlace transform methods, eigenvalue methods for solving linear systems of differential equations, and graphical analysis of solutions. (Fall, Spring)

**360. Linear Algebra I.** Credit 3 hours. Prerequisites: MATH 201 and MATH 223. An introduction to linear algebra. Topics will include systems of equations, matrices, determinants, vector spaces, linear transformations, eigenvalues/eigenvectors/eigenspaces, diagonalization, and inner product spaces. (Fall, Spring)

**367. Capstone in Mathematics for Elementary and Middle School Teachers.** Credit 4 hours. Prerequisite: A grade of "C" or better in MATH 287. This course is designed to deepen the understanding of basic mathematical concepts and the ability to apply, interpret, and connect these concepts in problem solving situations. Mathematical concepts include: rational and real numbers; proportional reasoning; simple logic; mathematical modeling; and patterns and relationships. Three hours of the course will focus on mathematical content with the fourth devoted to the application of the content in a real-world setting. This course requires 3 hours lecture and 1 hour field experience per week. This course may not be used for a major or minor in Mathematics. For the purpose of certification in secondary education, this course is considered below the calculus level. (Fall, Spring)

**370. Abstract Algebra I.** Credit 3 hours. Prerequisites: MATH 309 or MATH 360. An introduction to abstract algebra concentrating on elementary group theory. Topics will include properties of groups, subgroups, finite groups, cyclic groups, permutation groups, homomorphisms, isomorphisms, normal subgroups, and factor groups. (Fall)

**380. Mathematical Statistics.** Credit 3 hours. Prerequisite: MATH 201. An introductory course in calculus-based statistics. Topics will include the basic rules of probability, commonly used discrete and continuous distributions, random sampling and sampling distributions, regression analysis, parameter estimation, and hypothesis testing. (Fall, Spring)

**383. Independent Projects in Mathematics.** Credit 1-6 hours. Prerequisites: Junior standing, 2.5 adjusted grade point average, and permission of the Department Head. An opportunity for students to apply mathematics in a specific assignment under the direction of a faculty member of the Department of Mathematics. Specific assignments may include, but are not limited to, projects and/or service learning opportunities in business, industry, commercial, governmental or educational agencies. This course may be taken/repeated for a maximum of 6 hours credit. This course cannot be used to satisfy mathematics requirements for any degree program. (As Needed)

**391. Internship in Mathematics.** Credit 3-12 hours. Prerequisites: Junior standing, 2.5 adjusted grade point average, and permission of the Department Head. Internship in mathematics provides a student with experience in the application of mathematics in an assignment selected and approved by the University with a cooperating business, industry, governmental or educational setting. Credit hours are earned at a rate of one semester hour for each 40 hours of approved work experience. The course may be taken/repeated for a maximum of 12 hours credit. This course cannot be used to satisfy mathematics requirements in any degree program. (As Needed)

**392. Numerical Methods.** Credit 3 hours. Prerequisites: CMPS 280 and MATH 201. Computer-oriented methods for scientific programs. Topics include error analysis, Taylor series, solutions of non-linear equations, systems of linear equations, and interpolation. (Fall)

**402/506. Partial Differential Equations.** Credit 3 hours. Prerequisites: MATH 312 and MATH 350. An introduction to partial differential equations. Topics will include solutions to linear first and second order partial differential equations such as the heat and wave equations, the method of characteristics, Fourier series and convergence, Laplace transforms, d'Alembert's solution, the method of separation of variables, and eigenfunctions of Sturm-Liouville's equation. (As Needed)

**407/507. Topics in Mathematics.** Credit 3 hours. Prerequisite: Permission of the Department Head. Contemporary topics in mathematics and mathematics education. Credit for this course may be acquired more than once. Maximum credit six hours. (As Needed)

**409/509. Linear Algebra II.** Credit 3 hours. Prerequisite: MATH 360. A second course on linear algebra. Topics will include complex numbers and polynomials, vector spaces, bases and similarity, block matrices, inner product spaces, orthonormal vectors, unitary matrices, orthogonal complements, orthogonal projections, eigenvalues/eigenvectors, and geometric multiplicity. (As Needed)

**410/510. Theory of Numbers.** Credit 3 hours. Prerequisites: MATH 201 and MATH 223. An introduction to the properties of integers, number congruences, multiplicative functions, primitive roots, and quadratic residues. (As Needed)

**414/514. Fundamental Concepts of Geometry.** Credit 3 hours. Prerequisite: MATH 309 or MATH 360 or MATH 370. Deductive methods in mathematics; origins and development of concepts of geometry including geometric transformations, transformation groups and hyperbolic, elliptical and real projective geometry. (As Needed)

**417/517. Probability Theory.** Credit 3 hours. Prerequisites: MATH 223 and MATH 312, and MATH 380. A standard course in Probability Theory. Topics will include axioms of probability, counting methods, distribution functions for discrete and continuous random variables, and joint distributions. (Fall)

**421/523. Abstract Algebra II.** Credit 3 hours. Prerequisite: MATH 370. A second course in abstract algebra. Topics may include Sylow Theorems, symmetry groups, rings, integral domains, ideals, factor rings, ring homomorphisms, field extensions, and Galois theory. (As Needed)

**425. Applications of Combinatorics and Graph Theory.** Credit 3 hours. Prerequisite: MATH 360. An introduction to the fundamentals of combinatorics including algebra of enumeration, algorithms, recurrence relations, graph theory with decision trees, discrete structures, languages and finite state machines, finite fields. (As Needed)

**427/527. Introduction to Topology.** Credit 3 hours. Prerequisites: MATH 312 and MATH 360. An introduction to point-set topology and metric spaces. Topics include topological spaces, topological equivalency, metric spaces, compact spaces, connected spaces, Hausdorff spaces, and separation theorems. (As Needed)

**431/533. Numerical Analysis.** Credit 3 hours. Prerequisites: MATH 350 and CMPS 280. Numerical methods for solving nonlinear equations and systems of linear equations, approximations of functions by polynomial and spline interpolations, and numerical solutions of differential equations. (As Needed)

**441/544. Introduction to Real Analysis.** Credit 3 hours. Prerequisites: MATH 312 and MATH 360. A rigorous study of calculus. Topics include the epsilon and delta approach to limits, sequences, continuity, the derivative, and the Riemann integral. (Spring)

**450/550. Complex Analysis.** Credit 3 hours. Prerequisites: MATH 223 and MATH 312. A course on the theory of functions of a single complex variable. Topics may include algebraic operations of complex numbers, elementary functions, limits, analytic functions, Cauchy-Riemann equations, anti-differentiation, contour integrals, Cauchy's theorem, residues, poles, and infinite series. (As Needed)

**467. Calculus Concepts for Middle School Teachers.** Credit 3 hours. Prerequisites: MATH 151/161, and MATH 277. An investigation of the difference between the concepts of discrete and continuous; the concept of rates of change, differentiation, integration and the notion of limits; and an examination of the history of calculus. The course can be used only to satisfy the mathematics requirement for middle school education majors. (Spring)

**485. Capstone in Mathematics for Secondary Teachers.** Credit 4 hours. Prerequisites: MATH 311 and MATH 360. This course is designed to expand and strengthen students' understanding of secondary mathematics through the study of algebra and number theory, measurement, functions, data analysis and probability, and discrete mathematics. The course will help students to connect the key ideas in high school mathematics with the higher-level mathematics studied in college courses through explorations, laboratory activities, technology and service-learning experiences. Students

majoring or minoring in mathematics in the College of Science and Technology may not use this course as a 400-level mathematics elective. (Fall)

**486. Capstone in Mathematics for Secondary Teachers.** Credit 3 hours. Prerequisites: MATH 311 and MATH 360. This course is designed to expand and strengthen students' understanding of secondary mathematics through the study of algebra, geometry, number theory, measurement, functions, data analysis and probability, and discrete mathematics. The course will help students to connect the key ideas in secondary mathematics with the higher-level mathematics studied in college courses through explorations, activities, and technology. Students majoring or minoring in mathematics in the College of Science and Technology may not use this course as a 400-level mathematics elective. (Fall)

**490. Senior Thesis.** Credit 3 hours. Prerequisite: Senior standing. Under the direction of a faculty advisor, the student will complete a thesis paper on a mathematical topic agreed upon by the student and advisor. (As Needed)

**494/594. Introduction to Reading and Research in Mathematics.** Credit 1-3 hours. Prerequisite: Permission of the Head of the Department of Mathematics. A course devoted to research in selected areas of mathematics. Course may be repeated for up to six hours total credit. (As Needed)

**495/595. Introduction to Reading and Research in Mathematics.** Credit 1-3 hours. Prerequisite: Permission of Department Head. A course devoted to research in selected areas of mathematics. Course may be repeated for up to six hours total credit. (As Needed)

**605. Applied Statistics.** Credit 3 hours. Prerequisite: MATH 200 or permission of Department Head. Topics include exploratory analysis of data, sample design and experimental design, normal distributions, sampling distributions, quality control charts, confidence intervals and tests of hypotheses for one and two samples, inference for contingency tables, regression and correlation, and one-way analysis of variance. Statistical packages such as SPSS, Minitab, and SAS may be used. (As Needed)

**615. Coding Theory and Cryptography.** Credit 3 hours. Prerequisites: MATH 200 and permission of the Department Head. An introduction to the fundamentals of coding theory, linear codes, and error-correcting codes. Elements of cryptography including cryptosystems such as RSA, DES, and AES, and identification schemes. (As Needed)

**617. Applications of Combinatorics and Graph Theory.** Credit 3 hours. Prerequisites: MATH 201 and MATH 223 or permission of the Department Head. An introduction to the fundamentals of combinatorics including algebra of enumeration and its interrelations with finite structures, graph theory and its applications, interrelations with data structures and methods of optimizations, and groups and finite fields and their applications. (As Needed)

**635. Linear and Matrix Algebra I.** Credit 3 hours. Prerequisite: MATH 360. A course in linear algebra and its applications. Topics may include linear transformation, inner product spaces, similarity and normal operators, systems of equations, orthogonal projections, Gram-Schmidt orthogonalization, eigenvalues and eigenspaces, diagonalizations, and canonical forms. (As Needed)

**640. Applied Algebra I.** Credit 3 hrs. Prerequisite: MATH 370. A course in algebraic structures and their applications. Topics may include lattices, group, rings, fields, semigroups, and boolean algebras. (As Needed)

**645. Analysis I.** Credit 3 hours. Prerequisite: MATH 441. A course in analysis and its applications. Topics may include derivatives in higher dimensions, types of integration (Riemann-Stieltjes, Darboux, Lebesgue), Fourier series, fast Fourier transforms, Laplace transforms, metric spaces, Banach spaces, and Banach algebras. (As Needed)

**690. Special Topics in Mathematics.** Credit 3 hours. Selected topics in Mathematics that are new or unique and not covered in existing courses. This course may be taken twice for credit if different topics are studied. (As Needed)

**770. Thesis.** Credit 1-6 hours each semester, with 6 hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. (Fall, Spring, Summer)

## Microbiology (MIC & MICL)

**205. General Microbiology.** [LCCN: CBIO 2123, General Microbiology (Science Majors)]. Credit 3 hours. Prerequisites: GBIO 151 and 153 or permission of Department Head, registration for or prior credit for MICL 207, and all prerequisite courses must have a grade of "C" or better. A survey of the

fundamental principles and concepts of the biology of microorganisms including biochemistry, cell biology, metabolism, photosynthesis, cell division, reproduction, genetics, molecular biology, development, evolution, ecology, and diversity as well as a survey of microbial infections and immunity to infectious diseases. For students majoring or minoring in Biology, credit toward the degree will not be granted for both MIC 205 and 223. Three hours of lecture per week. (Summer, Fall, Spring)

**207. General Microbiology Laboratory.** [LCCN: CBIO 2121, General Microbiology Lab (Science Majors)]. Credit 1 hour. Prerequisites: Registration in or prior credit for MIC 205 and all prerequisite courses must have a grade of "C" or better. A survey of laboratory techniques used to study cellular morphology, growth, metabolism, and identification of bacteria. For students majoring or minoring in Biology credit toward the degree will not be granted for both MICL 207 and 224. Two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**223. Medical Microbiology.** [LCCN: CBIO 2113, Microbiology for Nursing & Allied Health]. Credit 3 hours. Prerequisites: G BIO 151 and BIOL 152 or permission of Department Head, registration in or prior credit for MICL 224, and all prerequisite courses must have a grade of "C" or better. An introductory course in microbiology with emphasis on the medically important microorganisms and their relationship to disease and immunity. This course is designed primarily for students in Nursing and Allied Health curricula. For students majoring or minoring in Biology credit toward the degree will not be granted for both MIC 205 and 223. Additional hours will not be counted toward student's major or in cumulative GPA average. Three hours lecture per week. (Summer, Fall, Spring)

**224. Medical Microbiology Laboratory.** [LCCN: CBIO 2111, Microbiology Lab for Nursing and Allied Health]. Credit 1 hour. Prerequisites: Registration in or prior credit for MIC 223 and all prerequisite courses must have a grade of "C" or better. A series of laboratory exercises designed to illustrate the material studied in MIC 223. For students majoring or minoring in Biology credit toward the degree will not be granted for both MICL 207 and 224. Two hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**225. Medical Microbiology Laboratory Simulation.** Credit 1 hour. Prerequisites: Registration in or prior credit for MIC 223, eligibility for the CALL program (RN to BSN in Nursing), and permission of the Department of Biological Sciences. A series of virtual laboratory exercises designed to illustrate the material studied in MIC 223. The virtual laboratory portion of the course provides a review of diagnostic and research procedures used to isolate and identify microorganisms, including microscopy and stainings, biochemical testing, molecular biology, serological techniques, and epidemiology. This course does not provide practical experience with chemicals and their properties, chemical reactions, laboratory apparatus, safety procedures, or biology laboratory instruments. This course does not satisfy the prerequisites for any Microbiology Laboratory course. This course is exclusively for students in the CALL nursing program and may not be used to substitute for any Biology, Microbiology, or Zoology laboratory or lecture course, nor can it be used to satisfy prerequisites, corequisites, or requirements for any of these courses. A laboratory fee is required for this course. (Summer, Fall, Spring)

**313. Microbial Ecology.** Credit 3 hours. Prerequisites: MIC 205 or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of the role of microorganisms in the flow of materials and energy through global ecosystems, and in transformation of organic and inorganic materials. The role of microorganisms in the major biogeochemical cycles, carbon, nitrogen, sulfur, and phosphorus will be covered. Three hours of lecture per week. (As Needed)

**325. Advanced General Microbiology.** Credit 4 hours. Prerequisites: MIC/MICL 205-207 or MIC/MICL 223-224 or permission of Department Head and all prerequisite courses must have a grade of "C" or better. Advanced microbiological techniques; practices used in determinative microbiology. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (Spring)

**423/523. Environmental Microbiology.** Credit 4 hours. Prerequisites: MIC 205 or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of the application of modern microbiological concepts to water pollution, contamination of soil and atmosphere with the intent of understanding the complex microbial processes underlying environmental deterioration, its control and prevention. A major emphasis will be placed on water and wastewater management. Two hours of lecture and four hours laboratory per week. A laboratory fee is required for this course. (Spring)

**436/536. Pathogenic Bacteria.** [LCCN: CBIO 4543, Pathogenic Microbiology (Upper Level)] Credit 4 hours. Prerequisites: MIC/MICL 205-207 or MIC/MICL 223-224 and Junior standing or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of the major bacterial pathogens and their relationship to disease and immunity. The laboratory stresses techniques used in the isolation and identification of pathogenic bacteria. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (Spring)

**438/538. Soil Microbiology.** Credit 4 hours. Prerequisites: MIC/MICL 205-207 or MIC/MICL 223-224 and Junior standing and all prerequisite courses must have a grade of "C" or better. A study of soil microorganisms, the impact of environmental factors, and survey of the major nutrient transformations occurring in soil. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**457/557. Dairy and Food Microbiology.** Credit 4 hours. Prerequisites: MIC 325 or permission of Department Head and all prerequisite courses must have a grade of "C" or better. A study of beneficial, pathogenic and spoilage microorganisms associated with dairy and food microbiology. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (Even Fall Semesters)

**460/560. Immunology.** [LCCN: CBIO 5423, Immunology (Upper Level)] Credit 4 hours. Prerequisites: MIC/MICL 205-207, GBIO 200, and all prerequisite courses must have a grade of "C" or better. GBIO 312 recommended. An introduction to the biology of the immune system, including the genes, molecules, cells, and mechanisms that mediate immune recognition and response. Topics covered include innate and adaptive immunity, humoral and cellular components, lymphocyte development and activation, and immune effector mechanisms. A portion of the course will be devoted to the immune system in health and disease and will cover immune responses to infection, evasion strategies of various pathogens, vaccination, immune deficiency diseases (including AIDS), autoimmunity, and cancer. Emphasis will be placed on understanding the experimental basis of the field of immunology. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**461/561. Bacterial Metabolism.** Credit 4 hours. Prerequisites: MIC 205 or 223, or CHEM 265, and Junior standing or permission of Department Head and all prerequisite courses must have a grade of "C" or better. A study of the metabolism as related to growth and energetics of eubacteria and archaeobacteria. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**463/563. Virology.** [LCCN: CBIO 4561, Biology Seminar] Credit 4 hours. Prerequisites: MIC/MICL 205-207, and GBIO 200 and all prerequisite courses must have a grade of "C" or better. Introduction to molecular and cellular mechanisms mediating virus infection in bacteria, animals, and plants. Topics include specific virus life cycles, cellular and immune responses, evasion strategies, subviral entities, and viral evolution. Seminar component focuses on reading/discussion of classic and current virology research papers. Three hours of lecture and three hours of seminar per week. A laboratory fee is required for this course. (Spring)

**465/565. Recombinant DNA Techniques.** Credit 4 hours. Prerequisites: MIC 205 or 223, or CHEM 265, or GBIO 312, and Junior standing or permission of Department Head and all prerequisite courses must have a grade of "C" or better. A study of the concepts and techniques involved in recombinant DNA research and their application to genetic analysis in bacterial model systems. Laboratories and designed to complement and reinforce the lecture. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**610. Industrial Microbiology.** Credit 4 hours. Prerequisite: MIC 461/561 or equivalent. The use of microbes in industrial processes such as production of antibiotics, vitamins, and chemicals. Two hours of lecture and four hours of laboratory per week. A lab fee is required for this course. (As Needed)

**615. Determinative Microbiology.** Credit 4 hours. Prerequisite: MIC 461/561 or consent of the Department Head. A study of the classification, identification and nomenclature of the 19 groups of bacteria. One hour of lecture and six hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**640. Microbial Physiology.** Credit 4 hours. Prerequisite: MIC 461/561 or equivalent. A study of the relationships between structure and function of bacteria and allied organisms. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)



**650. Microbial Genetics.** Credit 3 hours. Prerequisite: MIC 461/561 or equivalent. The genetics of microorganisms with special emphasis on the molecular level. A laboratory fee is required for this course. (As Needed)

## Military Science (MS)

**111. Learning to Lead I.** Credit 2 hours. Must be taken concurrently with MS 112. Introduction to the basic principles of leadership to include case studies of problems junior leaders encounter. The fundamentals of drill and ceremony, military correspondence, the Army Physical Fitness Program. Significance of customs and traditions of the service. Introduction to rifle marksmanship and basic individual and squad tactics. (Fall)

**112. Applied Leadership Development Laboratory I.** Credit 1 hour. The practical application of skills and knowledge taught during MS 111. Laboratory develops importance of team building and individual contribution to mission accomplishment. (Fall)

**113. Learning to Lead II.** Credit 2 hours. Discussion of principles of leadership with emphasis on ethical reasoning, analysis of problems, communication with subordinates, issuance of orders, teaching and coaching subordinates and the leader as a counsellor. Explanation of the organization of Department of the Army and its role in defense of the nation. Individual and squad tactics. Introduction to tactical communication procedures. (Spring)

**114. Applied Leadership Development Laboratory.** Credit 1 hour. The practical application of leadership skills and light infantry squad tactics. (Spring)

**211. Basic Leadership Skills Development I.** Credit 2 hours. Must be taken concurrently with MS 212. Discussion of leadership and its application to communication skills and human relations. Practical application of military writing--draft and edit military correspondence. Introduction to military briefings. Application of small unit tactics; individual and squad movement techniques--the responsibility of the leader. (Fall)

**212. Applied Basic Leadership Skills I.** Credit 1 hour. Practical application of the skills and knowledge taught during MS 211. The student will participate in a physical fitness program and employ tactical communications. The student will participate in tactical leadership problems at squad level. (Fall)

**213. Basic Leadership Skills Development II.** Credit 2 hours. A discussion of leadership relating to a small unit leader's mission analysis and planning to accomplish the selected course of action; supervision to accomplish a task, motivational techniques to influence others and molding a unit as a team. A survey of leadership case studies. The fundamentals of map reading: marginal information, the grid system, the contour system and the method of navigating using a military map and lensatic compass. (Spring)

**214. Applied Basic Leadership Skills II.** Credit 1 hour. The practical application of the skills and knowledge taught during MS 213. Practical exercise designed to teach the student leadership via light infantry squad and platoon tactics. The leader in the conduct of an ambush patrol. (Spring)

**311. Tactical Leadership Development I.** Credit 2 hours. Must be taken concurrently with MS 312. A discussion of the role of the non-commissioned officer, how and officer effectively employs the NCO. The discussion of fundamentals of tactical leadership, troop leading procedures in the conduct of an operation, the leader's analysis of terrain, the principles of offensive operations, the preparation of a platoon operations orders, and briefing the order. (Fall)

**312. Practical Application of Tactical Leadership I.** Credit 1 hour. The practical application of skills and knowledge taught during MS 311, emphasizing the leader in action in various tactical application exercises. (Fall)

**313. Tactical Leadership Development II.** Credit 2 hours. A comprehensive study of the art of navigating across terrain using a map and compass. Case studies of leadership - emphasis is on leadership traits and principles necessary to complete CLC using actual battle experience from World War II, the Korean Conflict and the Vietnam War. (Spring)

**314. Practical Application of Tactical Leadership II.** Credit 1 hour. The practical application of skills and knowledge taught during MS 313. Practical exercises using a military map and compass. Leadership as it pertains to organizing a unit for a mission, developing a plan to accomplish the mission and writing the order. (Spring)

## Music (MUS)

**101. Voice Class.** Credit 1 hour. The study and practice of the art of singing. Intended to provide training in the fundamentals of singing. May be taken more than once for credit. (Fall, Spring)

**102. Voice Class.** Credit 1 hour. The continuation study and practice of the art of singing. Intended to provide training in the fundamentals of singing. May be taken more than once for credit. Credit toward the degree will not be granted for the Music major. (Fall, Spring)

**103/104. Class Piano.** Credit 1 hour, each semester. Two one hour class meetings per week. Intended to train music majors in fundamentals of piano techniques and repertoire. Courses must be taken concurrently with MUS 111-112, or with permission of the Department Head. Non-music majors accepted by audition. (103-Fall/104-Spring)

**105/405/505. Music Theatre Performance.** Credit 1 hour each course. Study and performance of standard literature of opera, musical comedy, and other dramatic musical forms. Open to all students of the University with approval of the Music Theatre director. May be repeated for credit. (Fall, Spring)

**109. Class Piano for Non-Music Majors.** Credit 1 hour. An introductory course intended for the non-music major with no prior piano study, or only a negligible amount. Music reading, improvisation, harmonizing melodies, and a variety of repertory will be covered. (Fall, Spring)

**111. Music Theory.** Credit 3 hours. Prerequisite: Successful completion of entrance exam or MUS 130 or permission of the Department Head. Beginning study of the basic elements of music: Rhythmic, melodic, harmonic materials, chord inversions, and non-harmonic tones, with critical listening, singing, and dictation using materials studied. Three hours of lecture and two hours of laboratory per week. (Fall)

**112. Music Theory.** Credit 3 hours. Prerequisite: MUS 111. Continuation of MUS 111. Primary and secondary triads and seventh chords, with harmonic analysis and creative writing, critical listening, singing, and dictation using materials studied. Three hours of lecture and two hours of laboratory per week. (Spring)

**115. Diction: English and Italian.** Credit 1 hour. Use of international phonetic alphabet, employing rules for correct pronunciation of the English and Italian languages in singing. (Fall)

**119. Diction: German.** Credit 1 hour. Use of international phonetic alphabet, employing rules for correct pronunciation of the German language in singing. (Spring Odd Year Semesters)

**120. Diction: French.** Credit 1 hour. Use of international phonetic alphabet, employing rules for correct pronunciation of the French language in singing. (Spring Even Year Semesters)

**121/421/521. Orchestra.** Credit 1 hour each course. A minimum of 3 hours of rehearsal a week. Open to all qualified persons by audition. Qualified music majors must fulfill the course requirements by performance in a professional orchestra such as the Baton Rouge Symphony, the Acadiana Symphony, the Louisiana Sinfonietta, or the Louisiana Philharmonic. May be repeated for credit. (Fall, Spring)

**123/423/523. Jazz Ensemble.** Credit 1 hour. Minimum of two meetings per week. Open to all qualified students by audition. May be repeated for credit. (Fall, Spring)

**125/425/525. Southeastern Wind Symphony.** Credit 1 hour. Open to all students by audition. Wind Symphony members who are undergraduate music majors and whose primary applied music course is in a wind or percussion instrument are required to participate in the Marching Band during the fall semester. The Wind Symphony meets five hours per week. May be repeated for credit. (Fall, Spring)

**127/427/527. Athletic Bands.** Credit 1 hour. Open to all students by audition. Marching Band will perform during the fall semester. Basketball Band will perform during the late fall and spring semester. A minimum of five hours of rehearsal a week. May be repeated for credit. (Fall, Spring)

**129/449. Recital Hour.** No Credit. Graded pass/fail. A weekly recital seminar consisting of student performances, lectures and discussions on topical music concerns. The department expects all undergraduate music students in each semester of full-time residence (to a maximum of eight semesters) to attend, and document, eighteen scheduled and designated recital hour seminars, faculty recitals, and/or other concerts. (Fall, Spring)

**130. Fundamentals of Music Theory.** Credit 3 hours. Prerequisite: A score of less than 70% on the MUS 111 entrance exam as verified by the Department Head. Introductory study of the basic elements of music with emphasis on musical notation, pitch (including scales and key signatures), meter and rhythm, and harmony (including intervals, triads and basic seventh chords) with creative

applications and study of examples from music literature. Introductory concepts in sight singing and ear training. (Fall)

**131/431/531. Chorus.** Credit 1 hour each course. Three hours of rehearsal a week. Open to all students. May be repeated for credit. (Fall, Spring)

**135/435/538. Concert Choir.** Credit 1 hour each course. A select choir open to all students by audition. Five hours rehearsal a week. May be repeated for credit. (Fall, Spring)

**137/437/539. Women's Chorale.** Credit 1 hour. Open to all women. Study and performance of the entire body of choral music for women including both serious and popular selections. Emphasis on attaining high musical standards and levels of choral-vocal proficiency. Includes several performances and concerts. May be repeated for credit. (Fall, Spring)

**143/443/543. Symphonic Band.** Credit 1 hour. Open to all students by audition. Symphonic Band will perform during the spring semester. A minimum of three hours of rehearsal a week. May be repeated for credit. (Spring)

**145/445/545. Chamber Ensemble.** Credit 1 hour each course; minimum of two meetings per week. Each ensemble scheduled separately, including Collegium Musicum, brass, wind, percussion, woodwind, clarinet, saxophone, vocal, guitar, and mixed. Open to all qualified persons by permission of the Department Head. May be repeated for credit. (Fall, Spring)

**150. Contemporary Guitar Class.** Credit 1 hour. Instruction in beginning and intermediate level popular guitar styles. (Fall, Spring)

**151. Introduction to Music.** [LCCN: CMUS 1013, Music Appreciation]. Credit 3 hours. A non-technical course open to all interested persons. Designed to increase the response to music through a knowledge of the art and development of perceptive listening skills. Opportunities provided to attend concerts and recitals. Credit hours earned cannot be used for graduation in a music curriculum. (Summer, Fall, Spring)

**152. Introduction to Music Literature.** Credit 2 hours. A survey of the Western art music from antiquity to the present, to provide context and foundation for future detailed study of music history. (Spring)

**154/454/552. Southeastern Contemporary Music Ensemble.** Credit 1 hour. Open to all music majors by audition. The Southeastern Contemporary Music Ensemble (SoCoMuE) meets a minimum of two and a half hours per week. May be repeated for credit. (Fall, Spring)

**176. Classical Guitar Class.** Credit 1 hour. Beginning instruction in classical guitar. (As Needed)

**209/210. Class Piano.** Credit 1 hour each semester. Two class meetings per week. Continuation of Class Piano 103-104 to provide more advanced training in piano technique and repertoire. Prerequisite: MUS 111-112 or permission of the Department Head. (209-Fall/210-Spring)

**211. Music Theory.** Credit 3 hours. Prerequisite: MUS 112. Study of modulation, chromatic harmony, and the expansion of rhythmic and melodic concepts; analysis and creative writing as related to the structural organization of music, with critical listening, singing, and dictation using materials studied. Three hours of class and two hours of laboratory per week. (Fall)

**212. Music Theory.** Credit 3 hours. Prerequisite: MUS 211. Continuation of MUS 211. Further study of chromatic harmony with an introduction to contemporary practices and techniques, continued analysis, creative writing, critical listening, singing, and dictation. Three hours of lecture and two hours of laboratory per week. (Spring)

**215. Fundamentals of Jazz Improvisation.** Credit 1 hour. A study of selected basic theoretical principles of improvisation. Use of scales and chord progressions. Two hours of laboratory a week. (Fall, Spring)

**217. Computer Applications for Music Majors.** Credit 2 hours. Topics include basic computer skills, Musical Instrument Digital Interface (MIDI), and a survey of available software for computer assisted music instruction. (Fall, Spring)

**218. Introduction to Music Technology.** Credit 3 hours. A study of basic approaches to music creation using musical instrument digital interface (MIDI). Topics will include sequencing, synthesis, music composition, and the use of notation software. A laboratory fee is required for this course. (Fall, Spring)

**251. History and Appreciation of Jazz.** Credit 3 hours. The study of the history of jazz from its development in America at the turn of the 20<sup>th</sup> century through the present. Not a substitute for MUS 151. (Spring)

**291. Fundamentals of Music.** Credit 3 hours. Designed to give elementary-school teachers a knowledge of the elements of music and techniques of performing, creating, and listening to music. (Fall, Spring)

**303. Introduction to Music Education.** Credit 3 hours. Prerequisites: EDUC 203 and 212; concurrent enrollment in MUS 304. An introduction to the role of a school music teacher, various models of school music programs, K-12 music curriculum, and current pedagogical approaches for teaching music. Class discussions, assignments, guided observations of school music classrooms, and beginning teaching experiences in school settings. (Fall)

**304. Field Experiences in Music Education.** Credit 1 hour. Prerequisites: EDUC 203 and 212; must be taken concurrently with MUS 303. Students observe and assist in school in school music classrooms at elementary and secondary levels representing diverse school populations, and teach mini-lessons to small groups of students. (Fall)

**309. Basic Jazz Piano.** Credit 1 hour. Introduction to the basic harmonic and melodic techniques used in playing improvised jazz piano. (As Needed)

**310. Instrumental Conducting I.** Credit 2 hours. Prerequisites: MUS 152 and 212. Basic conducting, orchestration, and band literature. (Fall)

**311. Instrumental Conducting II.** Credit 2 hours. Prerequisite: MUS 310. Advanced conducting, orchestration, and band literature. (Spring)

**314. Jazz Improvisation II.** Credit 1 hour. Prerequisite: MUS 215. This course will explore and perform intermediate and advanced improvisational techniques. (Spring)

**318. Digital Music Production.** Credit 3 hours. Prerequisite: MUS 212 or permission of Department Head. An exploration of sound recording, editing, mixing and mastering in the digital studio. Essential recording skills for digital production will be explored. Students will produce small to large field and studio recording projects. A laboratory fee is required for this course. (Fall, Spring)

**329. Choral Conducting I.** Credit 2 hours. Prerequisites: MUS 152 and 212. Basic choral conducting, choral literature, choral arranging, and instrumental arranging. (Fall)

**330. Choral Conducting II.** Credit 2 hours. Prerequisite: MUS 329. Advanced choral conducting, choral literature, choral arranging, and instrumental arranging. (Spring)

**345. Jazz Theory/Composition.** Credit 2 hours. Prerequisite: MUS 212. Study of chord symbols, chord voicing practices, chord progressions, analysis, reharmonization, scale/chord relationships, and bass line construction as applied to jazz composition, arranging, and improvisation practice. (Spring)

**353. Individual Study.** Credit 1, 2, or 3 hours, amount of credit to be stated at time of registration. Prerequisite: Junior standing or permission of the Department Head. A written proposal of the subject area and procedures is required, to be approved by the instructor and Department Head. Not intended for subjects or courses offered on a regular basis. May be repeated for credit. (Summer, Fall, Spring)

**354. Music History I.** Credit 3 hours. Prerequisite: MUS 152 or permission of the Department Head. Classical, Romantic and Modern periods. (Spring)

**355. Music History II.** Credit 3 hours. Prerequisite: MUS 152 or permission of the Department Head. Medieval, Renaissance, Baroque and Pre-Classical periods. (Fall)

**357. Introduction to World Music.** Credit 2 hours. Prerequisites: MUS 111/112 or permission of Department Head. Introduction to Music in various world cultures. (Spring)

**361. Composition.** Credit 2 hours. Prerequisites: MUS 371 and 372 or permission of Department Head. Composition in the smaller forms. May be repeated for credit. (Fall, Spring)

**371. Form and Analysis.** Credit 2 hours. Prerequisite: A grade of "C" or better in MUS 211 and 212. Study of eighteenth- and nineteenth-century forms. Analysis of style from Beethoven through the late Romantic era (Wagner, Brahms, Bruckner). Composition in the styles analyzed. (Fall)

**372. Form and Analysis.** Credit 2 hours. Prerequisite: Grade of "C" or better in MUS 211 and 212. Twentieth century forms. Style from Debussy to the present with student compositions in each style. Significant twentieth-century trends. (Spring)

**381. Counterpoint.** Credit 2 hours. Prerequisite: A grade of "C" or better in MUS 212. Survey of contrapuntal procedures from fifteenth to twentieth century with emphasis upon the eighteenth century. (Fall)

**382/583. Counterpoint.** Credit 2 hours. Prerequisites: Junior standing and a grade of "C" or better in MUS 381. Fugue from the eighteenth to the twentieth century. (Spring semester of odd-numbered years)

**387. String Methods.** Credit 1 hour. Study of basic techniques in the pedagogy of the violin, viola, cello, and string bass. (Spring)

**393. Woodwinds I.** Credit 1 hour. Study of basic techniques in the pedagogy of the oboe, bassoon, and flute. (Fall)

- 394. Woodwinds II.** Credit 1 hour. Study of basic techniques in the pedagogy of the clarinet and saxophone. (Spring)
- 395. Brass Class.** Credit 1 hour. Study of basic techniques in the pedagogy of the trombone, euphonium, and tuba, trumpet, cornet, and French horn. Three hours of laboratory per week. (Spring)
- 397. Percussion Class.** Credit 1 hour. Study of basic techniques in the pedagogy of band percussion instruments. (Fall)
- 403/511. Piano Literature and Pedagogy.** Credit 2 hours. A survey of piano teaching literature of all levels; observations, methods of teaching. (As Needed)
- 404/512. Class Piano Pedagogy.** Credit 2 hours. A specialized course in piano class materials and techniques involving observation and application of methods. (As Needed)
- 411/510. Voice Materials and Methods.** Credit 3 hours. Voice pedagogy. Exploration of methods of voice training, and a study of suitable materials for young singers. Emphasis upon class instructional methods. Offered in alternate years. (Even Year Spring Semesters)
- 413/513. Double Reed Making.** Credit 1 hour. A practical course in the techniques of making and adjusting reeds for the oboe and bassoon. (As Needed)
- 414/514. Percussion Pedagogy, Materials and Lab.** Credit 3 hours. Prerequisites: MUS 211, 212, and 152, or permission of the Department Head. Study concert/marching tunable and non-tunable percussion instruments, pedagogy, literature and performance skills. (As Needed)
- 416/516. Brass Pedagogy, Materials and Lab.** Credit 3 hours. Prerequisites: MUS 211, 212, and 152, or permission of the Department Head. Study all high and low brass instruments, pedagogy, literature and performance skills, with an emphasis on the student's primary instrument. (As Needed)
- 417/517. Woodwind Pedagogy, Materials and Lab.** Credit 3 hours. Prerequisites: MUS 211, 212, and 152, or permission of the Department Head. Study single and double reed woodwind instruments, pedagogy, literature and performance skills, with an emphasis on the student's primary instrument. (As Needed)
- 418/518. String Pedagogy, Materials and Lab.** Credit 3 hours. Prerequisites: MUS 211, 212, and 152, or permission of the Department Head. Study high and low string instruments (or guitar), pedagogy, literature and performance skills, with an emphasis on the student's primary instrument. (As Needed)
- 419/519. Marching Band Techniques.** Credit 1 hour. The planning, execution and teaching of marching band, performance. Elements of showmanship. (As Needed)
- 420/520. Woodwind Repair.** Credit 1 hour. The study of preventive maintenance and the repair of woodwind instruments. Laboratory experience. (As Needed)
- 429/529. Piano Literature.** Credit 3 hours. A survey of piano literature from 1700 to 1950. (As Needed)
- 430. Keyboard Skills for Pianists.** Credit 1 hour. Prerequisites: MUS 111, 112, 211, and 212, or permission of the Department Head. Study of the functional keyboard skills of harmonization, transposition, improvisation, keyboard harmony, and sight-reading. (As Needed)
- 433. Jazz Arranging I.** Credit 1 hour. Prerequisite: MUS 345. Basic arranging and composition skills with emphasis on small jazz ensembles. Study of notation, score layout, instrumentation/orchestration, transpositions, basic harmonic/melodic analysis and chord voicings. Use of notation software such as Finale or Sibelius. (Fall)
- 434. Jazz Arranging II.** Credit 1 hour. Prerequisite: MUS 433. Advanced arranging and composition with emphasis on large jazz ensembles. Advanced harmonic/melodic analysis and chord voicings, reharmonization, one to five part density and voicing techniques. Use of notation software such as Finale or Sibelius. (Spring)
- 438. Song Literature.** Credit 2 hours. Survey of solo vocal literature from the late eighteenth century to the present. Emphasis upon style, interpretation, and presentation of solo and chamber ensemble materials for all voice classifications. (Even Year Fall Semesters)
- 440. Instrumental Techniques I.** Credit 3 hours. Prerequisites: MUS 211, 212, and 152. Basic conducting, orchestration, and band literature. (Fall)
- 446/546. Instrumental Techniques II.** Credit 3 hours. Prerequisite: MUS 440. Advanced conducting, orchestration, and band literature. (Spring)
- 447. Choral Methods I.** Credit 3 hours. Prerequisites: MUS 211, 212, and 152. Basic choral conducting, choral literature, choral arranging, and basic instrumental arranging. (Fall)
- 448/548. Choral Methods II.** Credit 3 hours. Prerequisite: MUS 447. Advanced choral conducting, choral literature, choral arranging, and instrumental arranging. (Spring)
- 453/553. Seminar in Music History.** Credit 3 hours. Selected topics. May be repeated. (Fall)

**455/555. Research in Music.** Credit 3 hours. Prerequisite: Grade of "C" or better in all of the following courses, MUS 354, 355, 371, 372, 381, or equivalent courses at other institutions. A study of research techniques: experimental, statistical, historical, and music theory. Preparation of research papers. (Even Year Fall Semesters)

**456/556. Band Arranging.** Credit 2 hours. Introduction to arranging musical scores and parts for both large and small instrumental ensembles. (As Needed)

**458. Jazz Pedagogy.** Credit 2 hours. Prerequisite: MUS 310. Methods and materials relating to the teaching of jazz; conducting and rehearsal techniques for jazz ensembles; survey of performance literature and concert programming. (Spring)

**471/571. Choral Literature and Interpretation.** Credit 3 hours. Interpretive choral conducting, rehearsal routine, and program building. Survey of choral materials; practical conducting experience. (Offered in alternate years.) (As Needed)

**500. Music Theory Review for Graduate Students.** Credit 3 hours. May not be applied toward degree. A review of music theory fundamentals, common practice harmony, ear training, theoretical terms, and basic form and analysis. (Fall)

**554. Music History I Review for Graduate Students.** Credit 3 hours. Prerequisite: A score of less than 70% on the Graduate Placement exam in Music History I as verified by the Department Head. A review of the styles, practices and composers of the Medieval, Renaissance, Baroque and Pre-Classical periods. (Fall)

**558. Music History II Review for Graduate Students.** Credit 3 hours. Prerequisite: A score of less than 70% on the Graduate Placement exam in Music History II as verified by the Department Head. A review of the styles, practices and composers of the Classical, Romantic and Modern periods. (Spring)

**641. Seminar in Music History and Literature.** Credit 3 hours. Selected topics. May be repeated. (Spring)

**642. Directed Individual Study.** Credit 3 hours. Prerequisite: A written proposal of the subject area and procedures, to be approved by the Department Head and the instructor. In fields of Theory, Music History and Literature, Applied Literature, and Music Education. May be Repeated for credit. (Summer, Fall, Spring)

**643. Graduate Performance Practicum.** Credit 1-3 hours. Performance as a leader, teacher, and organizer. May include serving as assistant conductor of a major ensemble, conducting a public performance of the student's original composition, coaching and accompanying a recital, coaching and performing in a chamber ensemble. Practicum will include seminar experiences. Specific needs of the student will be determined by the advisor. (Summer, Fall, Spring)

**650. Score Study and Analysis – Instrumental.** Credit 3 hours. Advanced study in score analysis and preparation with focus on works for instrumental/wind band forces. Historical and theoretical study of works from diverse time periods and styles. May be repeated once for credit. (As Needed)

**651. Score Study and Analysis – Choral.** Credit 3 hours. Advanced historical and analytical study of the musical score, which prepare the conductor for both rehearsal and performance. May be repeated once for credit. (As Needed)

**652. Wind Band Literature.** Credit 3 hours. Comprehensive survey of wind band literature from the Baroque, Classical, Romantic, and contemporary periods, with extensive study of repertoire from 1900-present. The course will explore the development of the 20<sup>th</sup> century public school band literature and examine masterworks of the repertoire. May be repeated once for credit. (As Needed)

**653. Choral Literature.** Credit 3 hours. Study of the art and techniques of choral conducting as related to the study of the score. Major works from the choral and choral/orchestral literature are conducted. Repertoire studied varies from Gregorian Chant through the present. May be repeated once for credit. (As Needed)

**654. Advanced Instrumental Conducting I.** Credit 3 hours. Study of the art and technique of instrumental conducting, with emphasis on application of gesture, non-verbal communication, and application in the rehearsal environment. Significant works of the instrumental literature will be studied and conducted. (As Needed)

**655. Advanced Choral Conducting I.** Credit 3 hours. Study of the techniques required to conduct choral music from Gregorian Chant through the Baroque period with an emphasis on score analysis and performance practice. (As Needed)

**656. Advanced Instrumental Conducting II.** Credit 3 hours. Prerequisite: MUS 654. Study of the art and technique of instrumental conducting, with emphasis on application of gesture, non-verbal

communication, aesthetics, and application in the rehearsal environment. Significant works of the instrumental literature will be studied. (As Needed)

**657. Advanced Choral Conducting II.** Credit 3 hours. Prerequisite: MUS 655. Study of the art and techniques of choral conducting as related to a study of the score. Major works from the choral and choral/orchestral literature are conducted. Repertoire studied varies from Classical to the present. (As Needed)

**661. Styles and Analysis.** Credit 3 hours. Comparative analysis of historical styles. Study of significant and representative works. Composition in each style. (Fall)

**662. Styles and Analysis.** Credit 3 hours. Prerequisite: MUS 661. (Fall)

**665. Composition.** Credit 3 hours. May be repeated for credit. (Summer, Fall, Spring)

**673. Vocal Literature.** Credit 3 hours. A survey of literature for the solo voice, with secondary attention to literature for small ensembles such as duets and trios. (As Needed)

**770. Thesis Research and Thesis.** Credit 1-6 hours each semester, with six hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass/Fail. (Summer, Fall, Spring)

## Applied Music (MUSA)

Applied courses are identified by 3-digit sequences, each digit coded for content. First digits are 1 for freshman and sophomore level courses, 4 for junior and senior levels, 5 for graduate level electives, and 6 for graduate level degree credit. The middle digit indicates the applied area: Brass 2, Woodwind 3, Percussion 4, Strings 5, Keyboard 6, and Voice 7. All courses may be repeated as necessary to fit curricula. An examining board of appropriate faculty members in each applied area (voice, keyboard or other instruments) will determine the eligibility of a student in the respective area to register for the succeeding applied music course carrying more than one credit hour. A maximum of one three-hour course in any single applied instrument, voice, or recitals may be scheduled concurrently when appropriate. Approval of the Department Head is required for enrollment in applied music. Priorities for allowing enrollment are: 1) a full time student whose curriculum specifies the course, 2) a student whose performance will contribute to the music department activities, 3) other students for whom there may be a space available.

**121, 131, 141, 151, 161, 171, 421, 431, 441, 451, 461, 471. Applied Music.** Credit 1 hour each course. One hour class lesson or 30-minute private lesson a week in voice or an instrument with a minimum of five hours a week of practice. Music Education majors for whom the course is their major instrument will receive a one hour private lesson each week. May be repeated for credit. A laboratory fee is required for this course. (Fall, Spring)

**122, 132, 142, 152, 162, 172, 422, 432, 442, 452, 462, 472. Applied Music Major.** Credit 2 hours each course. One hour of private instruction or one and one-half hours of class and private instruction a week in voice or an instrument, to include ensemble experiences. A minimum of seven and one-half hours of practice a week is expected. A solo performance and a board examination each semester. Attendance at recitals and other performances. May be repeated for credit. A laboratory fee is required for this course. (Fall, Spring)

**123, 133, 143, 153, 163, 173, 423, 433, 443, 453, 463, 473. Applied Music Major.** Credit 3 hours each course. One hour of private instruction or one and one-half hours of class and private instruction a week in voice or an instrument, to include ensemble experiences. A minimum of ten hours of practice a week is expected. A solo performance and a board examination each semester. Major recitals may be required at certain times in the courses of study. Attendance at recitals and other performances. May be repeated for credit. A laboratory fee is required for this course. (Fall, Spring)

**350. Junior Recital.** No Credit. Graded Pass/Fail. Prerequisites: Junior standing and permission of the Department Head. Preparation and performance of a recital, approximately 30 minutes in length. May be repeated. (Fall, Spring)

**450. Senior Recital.** No credit. Graded Pass/Fail. Prerequisites: Senior standing, advanced technical proficiency, musical maturity, and approval of Department Head. The preparation and performance of a recital, approximately one hour in length. May be repeated. (As Needed)

**523, 533, 543, 553, 563, 573. Applied Music.** Credit 3 hours. One hour or two half-hour lessons each week, with a minimum of ten hours practice per week. The student is required to appear before an examining board at the end of each semester. May be repeated for credit. A laboratory fee is required for this course. (Fall, Spring)

**621, 631, 641, 651, 661, 671. Applied Music and Pedagogy.** Credit 1 hour. A 30-minute private lesson or one-hour class lesson per week. Intended for the active teacher who has identified the need to develop teaching techniques related to the primary performing medium. If the course is repeated, different instruments will be studied, though the Department Head might grant approval to repeat an instrument. Not applicable in meeting minimum applied music requirements for the Master of Music degree. May be repeated for credit. A laboratory fee is required for this course. (Fall, Spring)

**623, 633, 643, 653, 663, 673. Applied Music Major.** Credit 3 hours. One hour or two half-hour lessons each week, with a minimum of ten hours of practice per week. The student is required to appear before an examining board at the end of each semester. At the discretion of the teacher, a solo performance on a portion of a recital may be substituted for the examination requirement. A laboratory fee is required for this course. May be repeated for credit. (Fall, Spring)

**650. Graduate Recital.** Credit 3 hours. Prerequisites: Graduate standing, demonstration of highly advanced technical proficiency, musical mastery and approval of instructor. The preparation and performance of a recital approximately one to one and a half hours in length. (Fall, Spring)

## Mythology (MYTH)

**201. Greek and Roman Mythology.** Credit 3 hours. A comprehensive survey of Greek and Roman Mythology for students with little or no background of classical knowledge. Taught in English; knowledge of Greek or Latin is not required. A laboratory fee is required for this course. (Fall, Spring)

**202. Viking Mythology.** Credit 3 hours. The mythology of the Germanic people in relation to literature, art, music, and religion. Taught in English; knowledge of German is not required. A laboratory fee is required for this course. (As Needed)

**204. Mesoamerican Mythology.** Credit 3 hours. An overview of the mythology and cosmologies of Mesoamerican cultures, including the Olmecs, the Aztecs, the Maya and other Mesoamerican groups. Taught in English; knowledge of Spanish not required. (As Needed)

**205. South American Mythology.** Credit 3 hours. A survey of the myths and cosmologies of South American peoples. The differences and similarities among highland and lowland cultures will be explored. Taught in English; knowledge of Spanish not required. A laboratory fee is required for this course. (As Needed)

**423. Special Topics in Mythology.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A special topics course that offers a detailed analysis of a particular genre, movement, author or topic. May be repeated for credit up to 6 hours as topics vary. (As Needed)

## Nursing (NURS & NLAB)

**213. First Aid for Rural Medical Emergencies (F.A.R.M.E.).** Credit 3 hours. The course emphasizes the training and education of students to appropriately teach community members risk factor recognition, first responder care, and injury prevention of rural and/or farm-related injuries, with emphasis on application of C.A.R.E. Model for emergency response. (As Needed)

**214. Medical Terminology.** Credit 3 hours. Focuses on the meaning of medical terms in specific context and their use in health related practice. Provides a base upon which to build a larger vocabulary. (Fall, Spring)

**215. Death, Dying and the Grieving Process.** Credit 3 hours. Prerequisite: Permission of the Department Head. The course focuses on identifying the student's feelings about death and about caring for terminally ill individuals. It explores ways of coping with feelings experienced by persons caring for dying patients. The student would explore approaches to be used in assisting individuals to a peaceful death as well as assisting families of dying patients. (As Needed)

**216. Prior Learning Assessment in Nursing.** Credit 3 hours. Prerequisite: ENGL 102. Utilizes learning theories and reflection techniques to assist students to identify and evaluate previous learning outside the traditional classroom such as work, volunteer or military experiences. Students will create a professional portfolio to document college-level experiential learning. (Fall, Spring)

**217. Dosage Calculations for Nursing.** Credit 1 hour. Prerequisites: ENGL 102, MATH 151 or 161, CHEM 107 with a grade of "C" or better, and Sophomore standing. This course focuses on learning drug calculations necessary for nursing practice. Topics include systems of measurement, routes of administration, calculation formulas, medication symbols and abbreviations, IV flow rates,



and calculations for special populations. Strong math skills are necessary and emphasized. This course will be graded Pass/Fail only. (Fall, Spring)

**233. Introduction to Pharmacology.** Credit 3 hours. Prerequisites: Zoology 250, 251, Chemistry 101 or 121, or permission of the Dean. Introduces principles of drug therapy for individuals across the life span. Focuses on pharmacological agents in relation to pharmacokinetic effects on body systems and therapeutic usage. (As Needed)

**300. Topics in Nursing.** Credit 1-3 hours. Prerequisite: Completion of Nursing 334, Registered Nurse status or permission of the Department Head. The study of selected issues in Nursing. Topics will be determined each semester based on current issues and trends in nursing. May be repeated for a maximum of 6 hours credit if different topics are studied. One to three hours of class a week, variable. (As Needed)

**304. Healthcare Informatics.** Credit 3 hours. Prerequisite: Junior level standing in nursing major curriculum or permission of the Department Head. An online instructional offering that allows students to develop and evaluate applications, tools, processes, and structures which assist nurses with the management of data in taking care of patients and supports the practice of professional nursing. (Fall, Spring)

**305. Clinical Practice Competency I.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 315. Guides students in the application of theory to clinical practice in the development of cognitive, psychomotor, communication, and affective skills necessary for the implementation of therapeutic interventions, using safe, effective, and financially responsible practices to promote, maintain, and restore the health of individuals, families, groups, and communities. Provides opportunities to develop and refine clinical practice skills related to hygiene, safety, body mechanics, oral/topical/intravenous medications, obtaining vital signs, injections, sterile technique, oxygenation, nasogastric tubes, catheterization, and bowel elimination. Three hours of laboratory a week. This course will be graded Pass/Fail only. A laboratory fee is required for this course. (Fall, Spring)

**309. Camp Nursing.** Credit 3 hours. Prerequisites: Completion of all 300-level required Nursing courses or permission of the Department Head. Provides opportunities to explore the role and scope of nursing practice in residential camp settings and the diversity of camp opportunities for nursing practice. Students collaborate with other health professionals to develop interprofessional communication and teambuilding to provide nursing care to children in a camp setting. Students learn to identify health issues for this setting and the nursing skills needed to implement nursing interventions. Students will attend an off-campus, overnight camp for the clinical practicum portion of the course. Seminar and clinical hours equal 162 contact hours. (Summer)

**313. Study of Human Diseases.** Credit 3 hours. Prerequisites: GBIO151, BIOL 152, ZOO 250/252, ZOO 251/253, HS 132 or 133. The course builds upon a student's understanding of human anatomy and integrates the study of human disease with focus on the risk factors, clinical manifestations, pathology, and prevention. Common disease states in the adult population will be studied. The intent of the course is to prepare health educators to identify, screen, and teach populations at risk. (As Needed)

**314. Health Assessment of the Individual.** Credit 2 hours. Formal acceptance for progression in the nursing curriculum required. Concurrent enrollment in Nursing 305 and 315 encouraged but not required. Focuses on skills necessary to assess the individual as a multidimensional, balanced expression of bio-psycho-social-cultural-spiritual well-being. Emphasizes theory-based approaches and techniques for data collection from persons across the life span. (Fall, Spring)

**315. Health Assessment of the Individual Lab.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 305 and 314. Develops assessment skills using theory based approaches and techniques for data collection from persons across the life span. Three hours laboratory a week. A laboratory fee is required for this course. (Fall, Spring)

**319. Pathophysiology and Pharmacology I.** Credit 3 hours. Prerequisite: Formal acceptance for progression in nursing curriculum. Introduces the basics of pharmacology and focuses on specific pharmacological agents in relation to pharmacokinetic effects on body systems. Examines selected diseases and recommended drug therapies. The course builds on the student's understanding of human anatomy and other sciences which contribute to the scientific basis for professional nursing practice. (Summer, Fall, Spring)

**331. Pathophysiology and Pharmacology II.** Credit 3 hours. Prerequisites: Nursing 319 and 339. Examines selected disease processes and related drug treatment modalities. Builds on the

student's understanding of the principles of pharmacology and pathophysiology, the nursing process, and the biological sciences. (Summer, Fall, Spring)

**332. Health Assessment of Families/Groups/Communities.** Credit 1 hour. Prerequisites: Nursing 314, 315, and 339. Concurrent enrollment in Nursing 334 is encouraged but not required. Focuses on families and communities as clients. Provides learning opportunities that will enable the student to view persons as members of large social systems. (Summer, Fall, Spring)

**333. Orientation to the Roles of the Professional Nurse.** Credit 3 hours. Prerequisites: ENGL 102 with a "C" or better and Sophomore standing. Focuses on socializing students to the discipline of nursing. Provides an overview of the mission of the School of Nursing, organizing concepts and desired outcomes of the baccalaureate-nursing program. Explores theories of nursing which serve as models for nursing practice. Describes the dimensions of the various roles of the professional nurse. Stresses the role of the professional nurse as an advocate in ethical, legal, and political health care trends and issues. Assists students in examining personal values and career goals and in developing an appreciation for persons with varying cultural backgrounds within the context of the professional nurse role. (Fall, Spring)

**334. Health Assessment of Families/Groups/Communities Lab.** Credit 1 hour. Prerequisite: Concurrent enrollment in or prior credit for Nursing 332. Using recognized community and family assessment tools, the student will gather and analyze data leading to recognition of population focused problems and their impact on individual, family and community. Three hours laboratory a week. A laboratory fee is required for this course. (Fall, Spring)

**335. Clinical Practice Competency Lab II.** Credit 1 hour. Prerequisites: Nursing 305 and concurrent enrollment in or prior credit for Nursing 372 and 375. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, and interpersonal communication skills necessary for the implementation of safe and cost effective interventions to promote, maintain, and restore the health of individuals, families, groups, and communities. Provides opportunities to develop and refine previously learned and new clinical practice skills related to intravenous therapy, surgical asepsis, oxygenation, and cardiovascular monitoring. Three hours of laboratory a week. This course will be graded Pass/Fail only. A laboratory fee is required for this course. (Fall, Spring)

**339. Medication Math for Nursing.** Credit 2 hours. Prerequisites: Prior credit for ENGL 102, MATH 151 or 161, and CHEM 107 with a grade of "C" or better. This course focuses on drug calculations necessary for nursing practice. Topics include: systems of measurement, routes of administration, calculation formulas, medication symbols and abbreviations, intravenous flow rate, and calculations for special populations. Strong math skills are necessary and emphasized. (Summer, Fall, Spring)

**341. Integrated Spirituality, Health and Nursing.** Credit 3 hours. Prerequisite: NURS 371 or permission of the Department Head. This course uses the nursing process as a framework for integrating spiritual care into nursing practice with an emphasis on a variety of cultures, religions, and populations. This course explores the concept of spirituality as it relates to healthcare, as well as strategies for promoting spiritual care of clients. The course also examines the role of spiritual self-awareness and self-care as a component of the spirituality and health connection. (As Needed)

**360. Essentials of Cultural Competence in Nursing Care.** Credit 3 hours. Prerequisite: Completion of Nursing 334. Designed to develop competence in providing culturally congruent nursing care to individuals and families from diverse cultural groups. Examines several theoretical frameworks for assessing beliefs, values, and practices pertaining to health. Emphasizes essential knowledge and skills required to plan and implement culturally competent nursing care across the life span. (As Needed)

**371. Foundations of Nursing Practice.** Credit 2 hours. Prerequisites: Nursing 305, 314, 315, 319, 333, and 339. Concurrent enrollment in Nursing 373 encouraged but not required. Explores the nursing process as a problem-solving tool utilized in communicating, gathering data, interpreting evidence, analyzing viewpoints, and forming judgments in clinical situations. Introduces concepts that are essential in developing foundational principles of nursing. Builds on the student's understanding of nursing assessment and pathopharmacology for a variety of clients. A laboratory fee is required for this course. (Summer, Fall, Spring)

**372. Adult Health Nursing.** Credit 2 hours. Prerequisite: Nursing 373. Concurrent enrollment in or prior credit for Nursing 335, 375, 382, and 383 are encouraged but not required. Focuses on the nursing care of young and middle-aged adults to promote, maintain and restore health and prevent disease. Emphasizes the nursing process to examine biological and psychosocial parameters,

cultural influences and current, evidence-based practice affecting the healthcare needs of individuals, families, groups, and communities. Focuses on collaboration between the patient, family, and healthcare professionals to provide high quality, safe patient care across the continuum of healthcare environments. (Fall, Spring)

**373. Foundations of Nursing Practice Lab.** Credit 3 hours. Prerequisites: NLAB 305, 315, 333, and 339; concurrent enrollment in or prior credit for Nursing 331 and 371. Focuses on foundational nursing principles by utilizing the nursing process to gather data, interpret evidence, analyze viewpoints, communicate and collaborate, and form judgments in clinical situations to promote, maintain and restore health by providing evidence-based, patient-centered care. Nine hours laboratory a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**375. Gerontological Nursing.** Credit 2 hours. Prerequisites: Nursing 331, 332, 334, 371, 373, and 378. Focuses on the nursing care of older adults to promote, maintain and restore health and prevent disease. Emphasizes the nursing process to examine biological and psychosocial parameters, cultural influences and current evidence-based practice affecting the healthcare needs of individuals, families, groups and communities. Focuses on collaboration with the patient, the patient's family and the healthcare professional to provide high quality and safe patient care across the continuum of healthcare environments. (Fall, Spring)

**378. Research in Nursing.** Credit 2 hours. Prerequisites: Nursing 315 and 333 or permission of the Department Head. Focuses on fundamental concepts and progress of nursing research. Emphasizes nursing research as a basis for evidence-based practice. Students will examine major steps in the research process, formulate research questions relevant to clinical nursing, practice, and critique nursing research reports. (Fall, Spring)

**382. Adult and Gerontological Nursing Lab.** Credit 6 hours. Prerequisites: Nursing 373 and concurrent enrollment in or prior credit for Nursing 335, 372, 375, and 383 or permission of the Department Head. Course focuses on the clinical application of the nursing process to promote, maintain, and restore health in young, middle aged, and older adult clients, with a variety of health care needs. This course integrates knowledge of the biological and psychosocial sciences, legal and ethical dimensions, resources, cultural influences, and current evidenced-based practice affecting nursing care strategies for the adult client. This course provides clinical experiences in a variety of health care settings, enabling students to develop clinical reasoning, decision making, and professional communication skills and practice using patient care technologies and information systems. Eighteen hours of laboratory a week. A laboratory fee is required for this course. (Fall, Spring)

**383. Psychiatric Mental Health Nursing.** Credit 2 hours. Prerequisites: Nursing 331, 332, 334, 371, 373, and 378 or permission of the Department Head. The focus of this course is on the acquisition of knowledge necessary to meet the standards of psychiatric/mental health nursing practice in the care of patients across the life span. It also provides students the opportunity to develop a foundation for clinical decision making, which encompasses significant nursing interventions in providing developmentally appropriate and culturally relevant psychiatric/mental health nursing care. (Fall, Spring)

**384. Pain Management in Diverse Populations.** Credit 3 hours. Prerequisite: Completion of NLAB 382, RN status or with permission of the Department Head. This course focuses on the existence and scope of suffering that is caused by various types of pain. Standards of client care in the clinical management of pain will be introduced. The physiology, causes, measurement and treatment of pain will be discussed. Pharmacological and non-pharmacological treatment of pain, including invasive and non-invasive measures, and multi-disciplinary management will be addressed. The management of pain in special populations will be emphasized. (As Needed)

**385. Preparing Nurses for Disaster Management.** Credit 3 hours. Prerequisite: Concurrent enrollment in or prior credit for Nursing 334 or permission of the Department Head. A component of this course is a product of the U.S. Department of Homeland Security's Office of Grants and Training and was developed by the National Domestic Preparedness Consortium. It standardizes the minimum Weapons of Mass Destruction (WMD) awareness level learning objectives and establishes a common baseline to ensure nationwide consistency in WMD education and training. Additionally, this course expands upon WMD awareness level learning to include disaster management preparation for vulnerable populations and interventions at the local level. (As Needed)

**390. NCLEX-RN Review Course.** Credit 3 hours. Prerequisites: NLAB 473 and 477 or permission of the Dean. Facilitates review of systems, synthesis, of knowledge, and application of standards of care in nursing practice. Emphasis is placed on the framework of client needs as

selected for the NCLEX-RN exam. Client needs provide universal structure for defining nursing actions and competencies across all setting for all clients. (As Needed)

**403. Clinical Competency Lab III.** Credit 1 hour. Prerequisites: Nursing 335, 372, 375, 382, 383 and concurrent enrollment in or prior credit for Nursing 471 and 475. Guides students in the application of theory to clinical practice and in the development of cognitive, psychomotor, communication, and therapeutic interventions necessary for health promotion, maintenance, and restoration of individuals, families/groups in a community. Provides opportunities to develop and refine clinical practice skills for newborns, neonates, children, adolescents, and childbearing families. Three laboratory hours per week. This course will be graded Pass/Fail only. A laboratory fee is required for this course. (Summer, Fall, Spring)

**428/528. The Management of Health Services Organizations.** Credit 3 hours. Prerequisite: Graduate level standing or permission of the Department Head. Designed for the Registered Nurse. Examines leadership and management concepts, principles, and function in relation to managerial roles, health services organizations and patient care delivery system issues. Designed for students who wish to supplement their knowledge of health services organizations. An additional research assignment is required for graduate students. (As Needed)

**451/561. International Nursing: Roles and Issues.** Credit 3 hours. Prerequisite: Completion of all 300 level courses. Focuses on recognition of professional nursing roles and healthcare issues in countries worldwide. Topics include the impact of international and governmental developments upon healthcare systems, healthcare consumers, and professional nurses' practice environments. Three classroom hours per week. (As Needed)

**471. Nursing Care of the Childbearing Family.** Credit 2 hours. Prerequisites: Nursing 335, 372, 375, 382, and 383. Concurrent enrollment in Nursing 403 and 473 encouraged but not required. Focuses on the care of neonates and childbearing families throughout the life cycle. Enables students to provide nursing care to the childbearing family during the antepartal, intrapartal, postpartal, neonatal, and menopausal time periods. Content reflects both normal and high risk care of the family throughout the life cycle. Emphasizes the use of the nursing process, concepts of individual, environment, and health as they pertain to the care of the family. A laboratory fee is required for this course. (Summer, Fall, Spring)

**473. Nursing Care of the Childbearing Family Lab.** Credit 3 hours. Prerequisites: Nursing 382 and concurrent enrollment in or prior credit for Nursing 403 and 471. Provides clinical practice opportunities to synthesize nursing knowledge, use of the nursing process, and to reflect on learning experiences during the care of childbearing families and neonates. Focuses on therapeutic nursing interventions including patient care technologies, information systems and communication devices to promote, maintain, and restore families' health during the childbearing period. Provides activities for students to further develop critical thinking, decision-making, and communication skills. Includes learning experiences in a variety of health care settings with attention to existing health care policies and regulatory guidelines. Sixteen hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**475. Nursing Care of Infants, Children, and Adolescents.** Credit 2 hours. Prerequisites: Nursing 335, 372, 375, 382, and 383. Concurrent enrollment in Nursing 403 and 477 is encouraged, but not required. Focuses on the nursing care of infants, children, and adolescents to promote, maintain, and restore health. Synthesizes knowledge of child development and family dynamics to examine the biological and psychosocial parameters, legal and ethical dimensions, resources, cultural influences and current evidence-based practice affecting nursing care strategies for infants, children and adolescents. (Summer, Fall, Spring)

**477. Nursing Care of Infants, Children, and Adolescents Lab.** Credit 3 hours. Prerequisites: Nursing 382 and concurrent enrollment in or prior credit for Nursing 403 and 475. Provides clinical practice opportunities to synthesize nursing knowledge, evaluate use of nursing process, and reflect on learning experiences during the care of infants, children, and adolescents. Focuses on therapeutic nursing interventions to promote maintain, and restore health. Provides activities for students to further develop critical thinking skills, decision making skills, and communication skills. Includes clinical learning experiences in a variety of health care settings. Fifteen laboratory hours a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**479. Professional Nurse Role: Manager.** Credit 2 hours. Prerequisite: Permission of Department Head. Focuses on the knowledge and skills in basic organizational systems leadership for the professional nurse. Presents theories, concepts and models of healthcare delivery. Students explore creative roles for managing and leading in nursing. Provides theoretical knowledge and skills

to understand organizations, identify leadership theories and utilize critical thinking in reaching nursing management decisions. (Summer, Fall, Spring)

**482. Promoting a Healthy Community.** Credit 1 hour. Prerequisites: Nursing 403, 471, 473, 475, and 477. Focuses on the caregiver/manager role of the professional nurse in working with groups, communities and populations with emphasis on strategies for developing, implementing, and evaluating health promotion and disease prevention interventions for target populations in a community. Explores the impact of environmental, socioeconomic, political and legislative influences on health of communities. (Summer, Fall, Spring)

**485. Professional Nursing: Transition and Trends.** Credit 1 hour. Prerequisite: Completion of all 300-level Nursing courses. Facilitates transitions from the student role to that of beginning professional nurse. Emphasizes key elements needed by the beginning professional nurse in order to assume an effective role in delivering quality care. Students explore ethical principles and core values that contribute to the development of professionalism in nursing. Opportunities for continued contributions to and advancement of the profession of nursing are investigate and reviewed. (Fall, Spring)

**486/586. Entrepreneurship in Nursing.** Credit 3 hours. Prerequisite: Junior standing or permission of the Dean. A practical approach for nurses to develop entrepreneurial skills that foster holistic patient care. Presents business opportunities in the changing health care reform era and introduces marketing skills, conflict resolution, financial and legal issues. Three hours of lecture per week. (As Needed)

**487. Advanced Concepts in Nursing Practice.** Credit 3 hours. Prerequisites: Nursing 403, 471, 473, 475, and 477. Provides the student with opportunities to synthesize nursing knowledge with complex patient healthcare situations. Emphasizes principles of management of: Multidimensional patient problems, quality improvement, health care economics, evidence-based practice, professional competency, and accountability. A laboratory fee is required for this course. (Summer, Fall, Spring)

**488. Promoting a Healthy Community Lab.** Credit 1 hour. Prerequisites: Nursing 403, 471, 473, 475, 477, and concurrent or prior credit for Nursing 482. Provides opportunities to develop, implement and evaluate health promotion and disease prevention interventions for target populations such as individuals, families, groups or populations throughout the lifespan with a community. Collaborates with other health professionals and members of the community to implement all phases of the nursing process within the community context to provide population-focused interventions. Uses evidence-based practices to obtain assessment data, sociocultural characteristics, environmental and political influences on determinants of health. Functional as a manager and provider of nursing services to a target population within a community, documenting all phases of care and disseminating outcomes of planned population interventions. Three hours of laboratory per week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**489. Advanced Concepts in Nursing Practice Lab.** Credit 5 hours. Prerequisites: Nursing 403, 471, 473, 475, 477, and concurrent enrollment in or prior credit for Nursing 479 and 487. Provides opportunities to refine critical thinking, decision-making and communication skills in nursing care of diverse populations across the lifespan in an ever-changing and complex healthcare environment. Supports activities to synthesize nursing knowledge, apply appropriate nursing interventions and evaluate the use of phases of the nursing process. Integrates safety, quality improvement and healthcare policies throughout the course to reflect current standards of professional practice. Prepares each student to function effectively and efficiently in entry-level caregiver, manager and team member nursing roles. Fifteen hours of laboratory a week. A laboratory fee is required for this course. (Summer, Fall, Spring)

**600. Theoretical Foundations of Advanced Nursing.** Credit 3 hours. Focus on examination of the theoretical foundations of nursing, including analysis of major theories of nursing and supporting theories as the basis for advanced practice nursing in a variety of healthcare settings and the development of a personal philosophy of nursing. (As Needed)

**602. Generating Evidence for Nursing Practice.** Credit 3 hours. Presents the logic, methods, and techniques of scientific research, using an evidence-based approach. Emphasis will be placed on critical appraisal of existing evidence, design decisions, psychometrics and appropriate statistical analyses. Students will design a research proposal applicable to nursing practice. (As Needed)

**605. Applied Statistics for the Health Sciences.** Credit 3 hours. Review of research techniques and statistical concepts. Application and interpretation of commonly used statistical tests and analysis utilized in health sciences research. (Summer, Fall, Spring)

- 607. Health Assessment and Diagnostic Reasoning for Advanced Practice.** Credit 3 hours. Diagnostic reasoning models and theories utilizing knowledge of advanced health assessment and development of individuals and families across the lifespan. Emphasis on multi-generational, gender, and cultural/ethnic issues. Two class hours and 4 laboratory hours per week. A laboratory fee is required for this course. (Fall, Spring)
- 608. Diagnostic Considerations and Psychopharmacology for Psychiatric Disorders.** Credit 3 hours. Prerequisite: NURS 617. Diagnostic criteria within the current Diagnostic and Statistical Manual (DSM) for Psychiatric Disorders are examined. Functional brain anatomy and physiology are studied with emphasis given to those disruptions which lead to mental illness, including environmental, developmental and genomic influences. Psychopharmacological and therapies currently utilized to treat specific mental illnesses based on current science and practice standards are detailed with emphasis on optimal outcomes and primary, secondary and tertiary prevention. (Fall, Spring)
- 609. Population Based Primary Care.** Credit 3 hours. Prerequisite: Concurrent enrollment or completion of NURS 600. Analysis and synthesis of major theoretical, empirical, and clinical foundations of population-based health care. Populations-at-risk in culturally diverse community settings are examined with an emphasis on building advanced practice nursing competencies to assess and address unmet care and health service needs. Focus is also placed on epidemiological techniques for community assessment and program planning, implementation, and evaluation. (As Needed)
- 617. Pharmacotherapeutics for Advanced Practice.** Credit 3 hours. Application of pharmacotherapeutics to management of clients across the life span. Includes natural/alternative health care, educative management strategies and expected outcomes. (As Needed)
- 618. Pathophysiology for Advanced Practice.** Credit 3 hours. Advanced physiological, pathological and psychosocial practices in health promotion and disease prevention among individuals of all ages and diverse cultural/ethnic backgrounds. (As Needed)
- 624. Independent Study.** Credit 1-3 hours. Prerequisite: Graduate standing and permission of the Department Head. Student works with faculty on a one-to-one basis to advance specialized knowledge and competence related to an approved area of nursing research, practice, or professional certification. May be repeated for a maximum of six credit hours if different topic areas are studied. (As Needed)
- 630. Special Topics in Advanced Nursing Practice.** Credit 3 hours. Prerequisite: Graduate standing. A seminar course focusing on selected issues in advanced nursing practice. This course may be repeated once for a total of six credit hours if different topics are studied. (As Needed)
- 634. Nursing Education: Roles, Issues, and Foundations.** Credit 3 hours. Introduction to contemporary nursing education. (Fall)
- 635. Curriculum and Program Development.** Credit 3 hours. Introduction to program and curriculum development, implementation, and evaluation. (Spring)
- 636. Teaching Methodologies and Technologies.** Credit 3 hours. Prerequisites: NURS 634 and NURS 635. Analysis and synthesis of evidence-based teaching methods and technologies. (Fall)
- 639. Nursing Education Practicum.** Credit 4 hours. Prerequisite: NURS 670. Implementation of the nurse educator roles in selected precepted class, lab and clinical settings. One hour class and 15 hours of practicum per week. (Spring)
- 646. Policy, Organization, and Structure in Health Care Systems.** Credit 3 hours. Prepares nurse leaders for active participation in policy making for health care organizations, professional associations, and governmental agencies. Focuses on managerial decisions and influences that contribute to policy at the organizational, local, national, and international levels. (Fall)
- 648. Nurse Leadership/Management in Health Care Organizations.** Credit 3 hours. Prerequisite: NURS 600. Emphasizes key skills employed by successful nurse leaders/managers; critical thinking, effective communication, conflict resolution, delegation, team building, resource management, quality improvement, stress management, and leading change. (Spring)
- 649. Health Care Workforce Management.** Credit 3 hours. Prerequisite: NURS 600. Examination of employment relationships in the work organization, including the Human Resource Management (HRM) model for health care settings. Includes employees recruitment and selection, appraisal, reward systems, training and development, and international aspects of HRM. (Spring)
- 650. Family Health I.** Credit 3 hours. Co-requisite: NURS 685. Focus is on a broad set of concerns that influence the health of families. (As needed)

- 654. Nurse Leadership and Administration Field Study I.** Credit 2 hours. Prerequisites: NURS 600, 605, and 646. Development of the nurse leader role in a practicum experience under the guidance of faculty-supervised preceptors. Focus is placed on the development of a philosophy and framework for the practice of nursing administration that promotes delivery of effective and efficient services in a multi-discipline setting. One hour class and 5 practicum hours per week. A laboratory fee is required for this course. (Spring)
- 655. Nurse Leadership and Administration Field Study II.** Credit 2 hours. Prerequisite: NURS 654. Development of the nurse leader role in a practicum experience under the guidance of faculty-supervised preceptors. Focus is placed on formulating a philosophy, framework, and strategy for the practice of nursing administration that promotes delivery of effective and efficient services in a multi-disciplinary setting. One hour class and 5 practicum hours per week. A laboratory fee is required for this course. (Fall)
- 656. Legal and Regulatory Issues In Nursing Administration.** Credit 3 hours. Prerequisites: NURS 600 and NURS 602. Exploration of laws, legislative processes, accrediting agencies, and ethical issues, which influence decision-making and operation of health care systems. (Fall)
- 658. Fiscal and Economic Principles for Nurse Leaders.** Credit 4 hours. Prerequisites: NURS 600 and NURS 602. Examination and application of principles of budget preparation, presentation, analysis, and management in health care organization, and introduction of principles of applied health care economics. (Fall)
- 659. Nurse Leadership and Administration Internship.** Credit 3 hours. Prerequisites: NURS 654 and NURS 655. Development of the nurse leader role in a practicum experience under the guidance of faculty supervised preceptors. Focus is placed on the application and evaluation of a philosophy, framework and strategy for the practice of nursing administration that promotes delivery of effective and efficient services in a multi-disciplinary setting. Ten hours practicum per week. A laboratory fee is required for this course. (Spring)
- 670. Measuring Outcomes in Nursing Education.** Credit 3 hours. Prerequisites: NURS 634 and NURS 635. Focuses on identifying and measuring outcomes germane to nursing education at the learner and program levels. (Fall)
- 681. Business, Leadership and Health Policy for Nurse Practitioners.** Credit 3 hours. Prerequisite: NURS 682 (FNP students); NURS 691 (PMHNP students). Application of business management concepts, organizational and systems leadership, legal, political, economic and policy influences in the delivery of health care services. (Fall, Spring)
- 682. Advanced Practice Nursing: Family Health I.** Credit 5 hours. Prerequisites: NURS 600 or 830 and NURS 602, 605, 607, and 618. Course is designed to develop the role and competencies for primary care family nurse practitioners. Clinical experiences will focus on the care of individuals and families in the pediatrics and child-bearing women populations. Three didactic hours and 12 practicum hours per week. A laboratory fee is required for this course. (Summer, Fall, Spring)
- 683. Advanced Practice Nursing: Family Health II.** Credit 5 hours. Prerequisite: NURS 682. Course is designed to develop the role and competencies for primary care family nurse practitioners. Clinical experiences will focus on the care of individuals and families in the adolescent and adult populations. Three didactic hours and 14 practicum hours per week. (Fall, Spring)
- 684. Advanced Practice Nursing: Family Health III.** Credit 5 hours. Prerequisite: NURS 683. Provides advanced practice nursing students with content to develop the role and competencies for primary care family nurse practitioners. Clinical experiences are designed to focus on the care of individuals and families in the geriatric population. Three didactic hours and 14 practicum hours per week. (Fall, Spring)
- 685. Family Health Practicum I.** Credit 3 hours. Co-requisite: NURS 650. Focus is on the care of families and child-bearing women, emphasizing promotion of health and prevention of disease. Three didactic hours and 16-20 practicum hours per week. (As needed)
- 688. Family Health II.** Credit 3 hours. Prerequisites: NURS 650 and NURS 685; co-requisite: NURS 689. Focus is on integrating evidence from the pathophysiological, behavioral, social, and nursing sciences to address the primary healthcare needs of the rural and urban family. Health and policies regarding cost, quality, safety, access to care, evaluation and management guidelines for reimbursement are included. (As needed)
- 689. Family Health Practicum II.** Credit 3 hours. Prerequisites: NURS 650 and NURS 685. Focus on the care of families and the pediatric population emphasizing promotion of health and prevention of disease. Three didactic hours and 16-20 practicum hours per week. (As needed)

**690. Psychotherapy for Advanced Practice Psychiatric Nursing.** Credit 3 hours.

Prerequisites: NURS 600, 602, 607, and 608. Registration or prior credit for NURS 609 and NURS 618. Course is designed for analysis and synthesis of major theoretical, empirical, and clinical foundations for various psychotherapeutic approaches in mental health care. Three didactic hours and 4 practicum hours of observation per week. (Fall)

**691. Advanced Practice Nursing: Psychiatric/Mental Health I.** Credit 5 hours. Prerequisite: NURS 690. Course is designed for introduction to initial diagnostic assessment, basic individual and family psychotherapeutic processes, interventions, and modalities with focus on differential diagnosis, risk-analysis and clinical management of clients with common psychiatric disorders. Three didactic hours and 12 practicum hours per week. (Spring)

**692. Advanced Practice Nursing: Psychiatric/Mental Health II.** Credit 5 hours. Prerequisite: NURS 691. Course addresses advanced Psychiatric Mental Health Nursing competencies with a focus on differential diagnosis, clinical management, intervention, basic group/family therapies, risk analysis and evaluation of outcomes for clients with common and complex psychiatric disorders across the lifespan. Three didactic hours and 14 practicum hours per week. (Fall)

**693. Advanced Practice Nursing: Psychiatric/Mental Health III.** Credit 5 hours. Prerequisite: NURS 692. Focus is on professional role development in advanced practice. Clinical experiences are designed to focus on continued development of advanced clinical competencies for provision of care to the psychiatric client across the lifespan, family and community. Three didactic hours and 14 practicum hours per week. (Spring)

**694. Advanced Practice Nursing: Psychiatric/Mental Health (PMH) III for Post-Master's Certificate Students.** Credit 2 hours. Prerequisite: NURS 692. Focus is on professional role in development in advanced practice for Post-Master's Certificate students. Clinical experiences are designed to focus on continued development of advanced clinical competencies for provision of care to the psychiatric client across the lifespan, family and community. (Spring)

**695. Focused Scholarly Project.** Credit 3 hours. Prerequisite: NURS 602. An independent focused scholarly project supervised by a graduate faculty member. The focused scholarly project creatively employs scientific inquiry to systematically advance the practice, teaching, or research of nursing. Emphasis is on a focused project that has tangible application to the practice setting. Approval of the project by the faculty of record must be obtained prior to registration for the course. (As Needed)

**699. Thesis.** Credit 1-6 hours each semester, with six hours needed for graduation. Prerequisite: Nursing 602. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. Independent study of a selected topic in nursing requiring a written proposal, data collection and analyses, and resulting in a written thesis under the guidance of graduate nursing faculty. An oral defense of thesis is required. (As Needed)

**800. Scholarly Foundations for Advanced Practice.** Credit 3 hours. Integrative study of theories, frameworks, and concepts which provide the basis for advanced nursing practice. (Fall)

**801. Biostatistics.** Credit 3 hours. Prerequisite: Graduate level statistics course approved by DNP Program Coordinator. Addresses biostatistical methods necessary to interpret data for Evidence-Based Practice (EBP) in the Health Sciences. Topics include critical appraisal of evidence, variation and variables, levels of data measurement, descriptive statistics and data display, probability, statistical and clinical significance, confidence intervals, statistical power analysis, hypothesis testing, and inferential statistics. (Fall)

**802. Epidemiology.** Credit 3 hours. Prerequisite: Registration in or prior credit for NURS 800. Study of risk for and prevention of disease using principles and methods of epidemiologic investigation. Analysis of distribution of disease in populations. (Spring)

**803. Project Planning.** Credit 3 hours. Prerequisite: Registration in or prior credit for NURS 800 or NURS 830. Addresses project planning and development related to the selection of a topic or area of interest for the DNP synthesis project. The planning process incorporates a needs assessment, analysis of relationships between evidence-based interventions and outcomes for communities and/or aggregates. (Fall, Spring)

**804. Clinical Scholarship and Analytic Methods for Evidence Based Practice.** Credit 3 hours. Prerequisites: NURS 800 and NURS 801, or NURS 830. Integration and application of knowledge to solve practice problems. Focuses on quantitative methodologies, study design, data analysis, and evaluation of research applicable to an advanced practice context. (Fall, Spring)

**805. Preventive Care for Populations.** Credit 3 hours. Prerequisites: Registration in or prior credit for NURS 800 and NURS 802. Examines concepts relevant to population health including



epidemiological, environmental, and occupational issues; infectious diseases/emergency preparedness, and determinants of health are also investigated. Emphasis on the development of cultural competence to guide health promotion and preventive care. (Fall)

**806. Health Care Informatics.** Credit 3 hours. Prerequisite: NURS 800 or NURS 830. Analyzes the role of information systems and technology in supporting and improving outcomes of patient care and the care of populations. Design and use of health care databases will be incorporated. (Fall, Spring)

**807. Organizational and Systems Leadership.** Credit 4 hours. Prerequisite: Registration in or prior credit for NURS 800 or NURS 830. Investigation of organizational and system processes, including safety, quality, financial, and human resource issues, which impact practice delivery. Emphasizes leadership role of the DNP and interprofessional opportunities for collaboration to improve care. (Fall, Spring)

**808. Ethics and Health Care Policy.** Credit 4 hours. Prerequisite: NURS 800 or NURS 830. Examination of health care policy at the organizational and governmental levels and the influence of policy on ethical practice, advocacy, social justice and equity. (Summer, Spring)

**809. Advanced Directed Studies.** Credit 3 hours. Prerequisite: Registered in or prior credit for NURS 803. Individualized learning activities guided by faculty for students requiring additional residency hours to meet DNP program requirements of 1000 total residency hours including post-baccalaureate work. A written proposal describing learning outcomes must be submitted to faculty prior to enrollment in the course. Three didactic hours and 135 residency hours per semester. Course may be repeated twice. (As Needed)

**821. Residency I.** Credit 2 hours. Prerequisite: NURS 803. Validates project planning in a clinical, organizational, or systems context; creates a structure for implementation and evaluation. Student is expected to secure IRB approval during this course. Two didactic hours and 90 residency hours per semester. (Spring)

**822. Residency II.** Credit 4 hours. Prerequisite: NURS 821. Implementation of an evidence-based intervention in collaboration with residency mentor and faculty advisor which reflects knowledge assimilation for advanced specialty practice at a high level of complexity. Four didactic hours and 180 residency hours per semester. (Fall)

**823. Residency III.** Credit 4 hours. Prerequisite: NURS 822. Requires completion and evaluation of intervention generated in Residency II. Incorporates data collection, analysis, interpretation, evaluation and outcomes dissemination. Four didactic hours and 180 residency hours per semester. (Spring)

**830. Advanced Practice Scholarly and Theoretical Foundations.** Credit 3 hours. Integrative study and application of theories, frameworks, and concepts which provide the basis for advanced nursing practice in a variety of health care settings. (Fall)

**831. Epidemiology and Preventative Care for Populations.** Credit 4 hours. Prerequisites: NURS 801 and 830. Examines concepts germane to the provision of population health including epidemiological, environmental, occupational and cultural issues. Infectious diseases, disaster/emergency preparedness, and determinants of health are also investigated. (Fall)

## Occupational Safety, Health, and Environment (OSHE)

**111. Introduction to Occupational Safety and Health, and Environment.** Credit 3 hours. This course introduces general safety and health concepts. Major topics include occupational safety, health and environmental terms, historical developments, program concepts and terms, legislative overview, including worker's compensation law, problem identification, hazard recognition, evaluation and control concepts, and an introduction to measurement and evaluation. (Summer, Fall, Spring)

**112. Design of Hazard Controls.** Credit 3 hours. Prerequisite: Current enrollment in or prior credit for OSHE 111. This course studies the application of scientific and engineering principles and methods to achieve optimum safety and health conditions through the analysis and design of process, equipment, products, facilities, operations, and environments. Major topics include product design, plant layout, construction, maintenance, pressure vessels and piping, mechanical systems, materials handling and storage, ventilation, power tools, electrical equipment, and transportation vehicles and systems. (Fall, Spring)

**121. Safety and Health Program Management and Administration.** Credit 3 hours. Prerequisite: Enrollment in or prior credit for OSHE 111. This course studies the application of proven management principles and techniques to the management of safety and health and loss control

programs. Major topics will include; planning, organizing, budgeting, resourcing, operating, implementing, and evaluating safety functions. (Fall, Spring)

**141. Principles of Industrial Hygiene and Toxicology.** Credit 3 hours. This course introduces the basic industrial hygiene principles of anticipation, recognition, evaluation, and control of workplace conditions as they relate to occupational health. Major topics include: a variety of occupational hazards including air contaminants, chemical hazards, biological hazards, and physical hazards. (Fall, Spring)

**231. Safety Laws, Regulations, and Standards.** Credit 3 hours. Prerequisite: OSHE 111. This course studies the development processes, sources, and applications for minimum safety requirements established by laws, regulations, standards, and codes. Major topics will include OSHA General Industry and Construction Standards, the enforcement of safety standards, and the role of NIOSH and ACGIH in the safety movement. (Fall, Spring)

**242. Ergonomics.** Credit 3 hours. Prerequisites: Enrollment in or prior credit for MATH 241 and OSHE 141 [OSHE 241]. This course explores ergonomic design principles which involve the planning and adapting of equipment and tasks to promote the comfort and efficiency of workers. Major topics include: human characteristics, physiology, and anthropometry and the application of these principles to workstations, tool design, and material handling procedures. (As Needed)

**251. Environmental Laws and Regulations.** Credit 3 hours. This course is an introduction to federal and state environmental regulations which impact industry. Major topics include hazardous waste management, disposal and cleanup, prevention of air, water, and soil contamination and environmental program management. (Fall)

**261. Fire Protection and Prevention.** Credit 3 hours. Prerequisite: OSHE 111. This course introduces the basic principles of fire and fire prevention in the work place. Major topics include: evaluating existing and planned facilities from a fire and explosion standpoint, and applying the basic principles of hazard recognition, evaluation, and control when developing fire prevention and emergency response activities. (Spring)

**311. Safety and Health Program Development.** Credit 3 hours. Prerequisite: OSHE 111. This course presents the key elements necessary to develop or to assess occupational safety and health programs. Major topics include management commitment and employee involvement; worksite analysis, hazard correction and control; training, and evaluation. (Fall)

**322. Behavioral Aspects of Safety.** Credit 3 hours. Prerequisite: PSYC 101. This course will introduce students to the application of scientific research based principles and methods to bring about change in the work culture through attitude, behavior, and environmental conditions. Specific topics will include traditional approaches and philosophies for improving safety, environmental effects, incentives, developing and building cultural change, identifying critical behavior, developing checklists, giving and receiving recognition and measuring performance. (Spring)

**323. Product Safety and Liability.** Credit 3 hours. Prerequisite: OSHE 111. This course examines the importance of considering the safety of a product in its ultimate use. Major topics include: aspects of product design, intended and improper use, and potential injury mechanisms. It uses classic product liability case studies to provide practical application of the principles learned. It also studies manufacturer liabilities through injury tort actions. (Fall)

**341. Field Methods of Industrial Hygiene and Toxicology.** Credit 3 hours. Prerequisites: MATH 241, PHYS 191, CHEM 101, and OSHE 141. This course presents an examination of the methods used by the industrial hygienist for the identification and assessment of health hazards in the workplace. Major topics include: establishment and use of methodologies to sample and evaluate exposures to air contaminants (gases, vapors, aerosols, and particulates), microorganisms and allergens, noise, heat, and cold stress, electrical and magnetic radiation, and ionizing and ultraviolet radiation. The course also includes equipment use, maintenance, and calibration. (Spring)

**381. [281] Safety in Chemical and Process Industries.** Credit 3 hours. Prerequisites: Enrollment in or prior credit for CHEM 101 and PHYS 191. The course introduces the fundamentals of chemical and process industry safety. Major topics include: toxic, fire, and pressure hazards inherent in chemical plants and petroleum refineries, and the methods used to identify, assess, and eliminate those hazards. It also introduces students to federal safety regulations for process safety management. (Fall)

**382. Construction Safety.** Credit 3 hours. Prerequisites: Enrollment in or prior credit for OSHE 111 and OSHE 121. The course studies the application of management principles, communication and human relations factors, safety/health rules, industry and federal standards, accident investigation, and the job planning phases in the construction environment. (Spring)

**391. Internship.** Credit 3-12 hours. Prerequisite: Permission of Department Head. Students receive on-the-job work experience with selected and approved industrial firms. Completion of all 100- and 200-level OSHE courses are required before internship is taken. OSHE 391 must be taken in the last semester of the study, or after most if not all of the OSHE major courses have been completed. For three hours credit, a student must be employed a minimum of 20 hours per week during a regular semester and a minimum of 40 hours per week during the summer semester. Course may be repeated for a maximum of 12 credit hours. Grades assigned on a Pass/Fail basis only. (Summer, Fall, Spring)

**421. Measurement of Safety Performance and Accident Investigation and Analysis.** Credit 3 hours. Prerequisite: Enrollment in or prior credit for MATH 241. This course presents methods to objectively evaluate a company's safety progress. The course covers two distinct topics: (1) measuring safety performance, and (2) incident investigation and analysis. The first segment of the course addresses ways of measuring safety performance objectively and subjectively using safety audits, inspections, observations, performance appraisal systems, and injury/illness statistics. The second segment of the course addresses the causes of accidents, systematic ways of conducting investigations, documenting the findings, causes and other significant data, and drafting recommendations. (Spring)

**423. Insurance – Worker's Compensation, Loss Control, and Risk Management.** Credit 3 hours. Prerequisite: OSHE 111. This course discusses the different aspects of workers' compensation, loss control, and risk management and how they interface to produce a comprehensive approach to controlling hazards, risks, and worker losses in a proactive plan for management of business/entity. (As Needed)

**424. System Safety Methodologies.** Credit 3 hours. Prerequisites: MATH 241, OSHE 111, and OSHE 121. The course presents the concepts of Risk Management and Loss Control through the use of systematic approaches to hazard anticipation, identification, evaluation and control. Major topics include: an introduction to qualitative methods of evaluating the hazards and risks associated with systems, processes, equipment, and other entities. It also includes a review of techniques for mitigating or managing identified risks. (Fall)

**441. Industrial Toxicology.** Credit 3 hours. Prerequisites: GBIO 151, ZOO 241, and OSHE 141 [OSHE 241]. This course examines the effects of industrial toxicants on the human body. Major topics include: the discipline of toxicology, acute and chronic exposures and effects, routes and characteristics of exposures, target organs and systems, dose and response, and carcinogenesis. It also discusses the toxic characteristics of various classes of toxic materials. (Fall)

**442. Principals of Radiation Safety.** Credit 3 hours. Prerequisites: OSHE 141, PHYS 191, and PLAB 193. This course describes and defines the various forms of ionizing and non-ionizing radiation and the methods that are used to detect, identify, and measure workplace levels of radiation. It also describes control methods which employ engineering methods, administrative methods, and personal protective equipment to eliminate or minimize the hazards posed by radiation. (As Needed)

**451. Hazardous Materials Management.** Credit 3 hours. Prerequisite: OSHE 251. This course examines acceptable policies, procedures, and methods for the use of hazardous materials, and the disposal of oil and hazardous wastes produced by industry. Major topics include characteristics of hazardous materials, including methods for their transportation and storage. It also includes advanced aspects of risk assessment; applicable environmental legislation; waste characterizations, minimization and recovery; chemical, physical, and biological waste treatment methods; thermal, injection well and landfill disposal methods; and a section on the transportation of hazardous wastes. (Summer)

**452. Pollution Fundamentals and Control Technologies.** Credit 3 hours. Prerequisite: OSHE 251. This course explores the mechanisms of air, water and soil pollution and the steps to eliminate or minimize impacts on the ecology and human health and safety. The course is also designed to explore the existing pollution prevention and control technologies and the evaluation of their performance. (As Needed)

**471. Education and Training Methods for Occupational Safety and Health.** Credit 3 hours. This course introduces the concepts of adult training and education with emphasis on occupational safety and health. Major topics include: instructional system design, including performing a training needs assessment tasks analysis, program design goals and objectives, performance evaluation, delivery methods and media; computer-based training methods; systems to manage costs; and record keeping. (Fall)

**491. Special Topics.** Credit 1-4 hours. Prerequisite: Permission of the Department Head. Special topics in occupational safety, health, and environment that are appropriate for a professional elective in Occupational, Safety, Health, and Environment major. May be taken repeatedly when topics vary for a maximum of six credit hours. (As Needed)

## Operations Management and Information Systems (OMIS)

**200. Business Statistical Models I.** [LCCN: CBUS 2303, Business Statistical Methods I]. Credit 3 hours. Prerequisite: MATH 105, 151, or 161. Collection and organization of business and economic data; descriptive statistics; measures of central tendency and dispersion; statistical inference; probability; time series; index numbers; and regression and correlation topics. (Summer, Fall, Spring)

**210. Business Statistical Models II.** [LCCN: CBUS 2313, Business Statistical Models II]. Credit 3 hours. Prerequisite: MATH 241 or OMIS 200. Review of descriptive and inferential statistics. Additional topics include: two-sample confidence intervals and hypothesis testing, correlation analysis, ANOVA, simple linear regression and multiple regression forecasting, and use of application software. The course concludes with an introduction to business analytics. (Summer, Fall, Spring)

**310. Management Science.** Credit 3 hours. Prerequisites: OMIS 200 or MATH 241 and Junior standing. The use of statistical methods and techniques as scientific tools in business decision making. (Summer, Fall, Spring)

**320. Principles of Supply Chain Management.** Credit 3 hours. Prerequisites: MATH 241 or OMIS 200 and Junior standing. A study of how Supply Chain Management impacts all the areas of the firm and how managers can improve their competitive position by employing many of the purchasing, operations and logistics practices and processes discussed throughout the course. (Summer, Fall, Spring)

**325. Supply Management and Purchasing.** Credit 3 hours. Prerequisites: OMIS 320 and Junior standing. A course that introduces the role of supply management in the organization along with its basic functional areas including the evolution of the function, the purchasing process, organization of supply management within the firm, policy and procedures, strategic sourcing, out-sourcing, supplier evaluation, supplier selection, quality management, supplier development, international sourcing, cost management, contracts, negotiation, purchasing of transportation services, EDI and the legal and ethical aspects of supply management. Credit toward the degree will not be granted for both MRKT 320 and OMIS 325. (Fall, Spring)

**350. Management Information Systems.** [LCCN: CMGM 3013, Management Information Systems]. Credit 3 hours. Prerequisite: Junior standing. A study of the foundations of information systems such as networks, databases, the Internet, computer hardware, and software. Focuses on the interdependence among an organization's management, business processes, and information systems. (Summer, Fall, Spring)

**360. Web Basics.** Credit 3 hours. Prerequisites: OMIS 350 and Junior standing. A study of the processes and tools used to design, create, publish and manage Web sites. Other topics include the use of text, graphics, sound, video, and digital imaging, e-mailing, newsgroups, Webboard discussions, Intranets, and the legal, social, and ethical issues faced by Internet users. (Fall, Spring)

**365. Social Media Applications in Business.** Credit 3 hours. Prerequisites: OMIS 350 and Junior Standing. This course examines the unique challenges of community, social interaction, and business communication of firms in a digital world. Course components include the techniques of digital media in business and the interactive media applications that support them. Students are expected to use social media practices to create multimedia learning journals, and small groups will use social media to produce and present projects. (Fall, Spring)

**370. Data Management for Business.** Credit 3 hours. Prerequisite: OMIS 350. An introduction to the concept, use, and application of data management in business decision making. Topics include data management principles, core components of data processing, data modeling, and relational database designs. (Fall, Spring)

**380. Business Analytics.** Credit 3 hours. Prerequisites: OMIS 210 and OMIS 350. The study of integrating methods and applications to solve business problems using descriptive, predictive and prescriptive analytics. Emphasis will be on data creation, distribution, mining, reporting, and storage throughout the organization. (Summer, Fall, Spring)

**391. Operations Management and Information Systems Internship.** Credit 3 hours. Prerequisites: OMIS 320 or OMIS 350, Junior standing, a 2.5 adjusted grade point average, and permission of the Department Head. The Operation Management and Information Systems Internship

provides the student with work experience in an assignment selected and approved by the University with a cooperating business firm. Students will earn three hours credit for a minimum of 300 hours of approved work experience. Only Supply Chain Management majors can receive credit for the Operation Management and Information Systems Internship course. All grades are assigned on a Pass/Fail basis. (Summer, Fall, Spring)

**392. Operations Management and Information Systems Internship II.** Credit 3 hours.

Prerequisites: OMIS 320 or 350, Junior Standing, a 2.5 degree grade point average and permission of the Department Head. Continuation of OMIS 391. In order to obtain credit for OMIS 392, the work assignment must be different from that of OMIS 391. The Operations Management and Information Systems Internship provides a student with work experience in an assignment selected and approved by the Department Head with a cooperating business firm. Students will earn three semester hours of credit for a minimum of 300 hours of approved work experience. Only Supply Chain Management majors can receive credit for the Operations Management and Information Systems Internship course. All grades are assigned on a Pass/Fail basis. (As Needed)

**425. Logistics Management and Transportation.** Credit 3 hours. Prerequisites: OMIS 320 and Junior standing. This course introduces the student to logistics providing coverage on the following topics: the 21<sup>st</sup> Century supply chain, efficient logistics, customer accommodation, procurement, manufacturing and distribution strategies, operational integration, information networks, planning and scheduling, inventory management, major modes of transportation, transportation infrastructures and regulation, warehousing, packaging and materials handling, network integration, and administration of the function. (Fall, Spring)

**430. Production and Operations Management.** [LCCN: CMGM 3213, Production & Operations (Upper Level)]. Credit 3 hours. Prerequisites: MGMT 351 and OMIS 200 or 210 or permission of Department Head. The study of the systems for the creation of goods and services consumed by society. (Summer, Fall, Spring)

**435. Project Management.** Credit 3 hours. Prerequisites: OMIS 210 and MGMT 351. The study of planning, scheduling, organizing, and controlling projects for product development, construction, information systems, new businesses, and special events. Primary course emphasis is on the project management process and the tools used for control. (Fall, Spring)

**440. Current Issues in Supply Chain Management.** Credit 3 hours. Prerequisites: Senior Standing, OMIS 325 and OMIS 425. This course is designed to introduce students to current purchasing, operations, logistics, and information systems practices within the firm operating in the global environment. Special emphasis is placed on improvement initiatives as they relate to the overall Supply Chain strategy of the firm. A team-based project is required. (Fall, Spring)

**460. e-Business and e-Commerce.** Credit 3 hours. Prerequisite: OMIS 360. This course is designed to introduce students to electronic-based business strategies and other related issues ranging from the identification of business opportunities via the WWW to the evaluation of business strategies on the Internet. Credit toward the degree will not be granted for both MRKT 435 and OMIS 460. (Fall, Spring)

**470. Decision Support Systems.** Credit 3 hours. Prerequisites: OMIS 210 and OMIS 350. An introduction to business decision support systems. A cognitive process and decision-making perspective is used to highlight the implications of decision support technology for managerial problem solving. The evolution of decision support systems is discussed from architecture, design, and implementation through artificial intelligence. (Spring)

**480. Management Information Systems Development.** Credit 3 hours. Prerequisite: Registration in or prior credit for OMIS 370. The study of information systems tools, techniques, and skills necessary to perform in-depth systems analysis. Emphasizes the application of process-oriented, data-oriented, and object-oriented approaches to systems analysis. (Fall, Spring)

**495. Special Topics in Supply Chain Management.** Credit 3 hours. Prerequisite: OMIS 320. A varying course subject which discusses emerging topics of special interest in the field of supply chain management. The content may change from semester to semester and will be announced in advance. May be taken by majors and non-majors. (As Needed)

**600. Statistical Methods in Business and Economics.** Credit 3 hours. Prerequisites: OMIS 200 and Graduate Standing. Statistical inference; analysis of variance; trend and curve fitting; multiple and partial correlation; application to business problems with appropriate computer applications. (Summer, Fall, Spring)

**635. Applications in Project Management.** Credit 3 hours. Prerequisites: OMIS 435 and Graduate Standing. This course focuses on the study of the unique challenges of information

technology and knowledge management for today's project managers. Emphasis is placed on project control techniques. (As Needed)

**640. Advanced Supply Chain Issues.** Credit 3 hours. Prerequisite: Graduate standing. This course explores supply chain issues as they impact business and economic development activities. Course involves in-depth look at supply chain and purchasing management issues that are central to the expedient development of markets and economies. (As Needed)

**650. Information Management for Organizations.** Credit 3 hours. Prerequisite: Graduate Standing. A study of the application of computer technology in organizations. Course topics include the system approach in managing and implementing computer based systems; behavioral aspects of modern organizations; planning, designing and implementing information systems; and the use of information systems for decision making. (As Needed)

**670. Database Modeling and Design.** Credit 3 hours. Prerequisites: OMIS 350 and Graduate Standing. The study of database design methodologies in various database environments. Topics include data management, structured query language, security techniques, user interface design, and data warehouses. (As Needed)

**680. Information Systems Analysis and Design.** Credit 3 hours. Prerequisites: OMIS 350 and Graduate Standing. A study of information systems for management decision making, systems construction and computer utilization, organizational concepts, systems and data systems designed for business functions. (As Needed)

**690. Technology Applications in Management.** Credit 3 hours. Prerequisites: OMIS 350 and Graduate Standing. A course designed to examine existing and emerging information technology applications. Special emphasis will be given to the role managers play in the successful application of information technology to improve business processes. (As Needed)

**695. Special Topics in Operations Management and Information Systems.** Credit 3 hours. Prerequisite: Graduate Standing. A seminar course focusing on selected issues in Operations Management and/or Information Systems. (As Needed)

## Philosophy (PHIL)

**201. Introduction to Logical Reasoning.** [LCCN: CPHL 2113, Introduction to Logic] Credit 3 hours. Prerequisites: ENGL 102, 122H, or 124H and MATH 105 or higher. An introduction to the basic principles of deductive and inductive reasoning, emphasizing the art of reasoning and its practical application. (Summer, Fall, Spring)

**301. Introduction to Philosophy.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. An introductory study of philosophy which considers the four basic areas of philosophy-metaphysics (the nature of reality), epistemology (the nature of knowledge), ethics (moral values), and logic (the basic rules for correct thinking). (Fall, Spring)

**302. The Great Philosophers.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Introductory readings of the works of great philosophers beginning with the ancient Greeks (e.g., Plato, Aristotle) and proceeding to the modern and contemporary philosophers (e.g., Rene Descartes, David Hume, John Dewey). (Fall, Spring)

**310. Critical Thinking.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A study of the methods of understanding, analyzing, and evaluating arguments as found in everyday contexts which require practical reasoning skills, e.g., newspaper editorials, advertising, and political campaigns. Designed to improve analytical and critical skills in thinking, reading, writing, and listening. (Fall)

**313. Ethics.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A study of the major systems of thought focusing on moral values, concepts of good and evil, right and wrong. Designed to introduce students to the various perspectives on these themes as formulated by major philosophers. (Spring)

**314. Special Topics in Philosophy.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A detailed study of a topic selected by the instructor. Topics and instructors will vary. May be repeated once, but Department Head approval is required to count more than 3 hours toward the Minor in Philosophy. (As Needed)

**315. Philosophy of History.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. Especially recommended for history and political science majors, but open to all qualified undergraduates. A study of the way major philosophers have understood history, usually in terms of their search for patterns and meanings in the movement of history. Special consideration will be given to thinkers such as Karl Marx, Friedrich Nietzsche, G.W.F. Hegel, Arnold Toynbee, etc. (Fall)

**320. Philosophy and the Arts (Aesthetics).** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. A general survey of readings concerned with the question of what makes something beautiful, or what makes something a work of art. Frequent reference to the arts and artistic practice will be made (e.g., as found in film, literature, music, and painting). (Spring Even Years)

**321. Existentialism and Contemporary Philosophy.** Credit 3 hours. Prerequisite: ENGL 102 or 122H or 124H. This course will study the writings of some of the major figures in existentialism (e.g., Kierkegaard, Nietzsche, Heidegger, Sartre, Camus) as well the writings of some of the other important figures in contemporary philosophy (e.g., Wittgenstein, Rorty, Foucault, etc.). (Spring Odd Years)

**416/516. American Philosophy.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. A study of the major development in American philosophy through a detailed consideration of American thinkers. (Spring Odd Years)

**417/517. Intellectual History (History of Ideas).** Credit 3 hours. Prerequisite: Junior standing or consent of the Department Head required. A study of the intellectual influences on western thought since the Middle Ages, beginning with Renaissance Humanism and proceeding through Protestantism, Rationalism, the Enlightenment and Romanticism to the dominant scientific and political views of the nineteenth and twentieth centuries. (Spring)

**418/518. Independent Study in the History of Philosophy.** Credit 3 hours. Prerequisites: Junior standing, permission of the Department Head, and at least nine hours of undergraduate philosophy. Conducted as a tutorial for individual students seeking additional work beyond the introductory level. Readings chosen according to student interest, academic orientation, and level of student preparedness. Evaluations conducted on the basis of discussions and written assignments. (As Needed)

## Physical Science (PHSC)

**101. Physical Science I.** [LCCN: CPHY 1013, Introduction to Concepts in Physics; CPHY 1023 Physical Science I]. Credit 3 hours. A survey course in selected topics of physics designed primarily for students majoring in a non-science degree. Course consists of three hours of lecture and demonstrations per week. (Summer, Spring)

**102. Physical Science II.** [LCCN: CPHY 1033, Physical Science II]. Credit 3 hours. A survey course in the cultural and applied aspects of chemistry designed primarily for students majoring in a non-science degree. Credit cannot be given for both PHSC 102 and CHEM 109. Course consists of three hours of lecture and demonstrations per week. (Summer, Fall)

**142. Elementary Physical Science.** Credit 4 hours. Prerequisite: Education major, inservice teacher, or permission of the Department Head. This course is designed to prepare prospective and inservice K-12 teachers to teach physical science as a process of inquiry. The curriculum focuses on core concepts of physics and chemistry, and students will actively engage in a process of hands-on investigation and discovery in a laboratory setting. The primary objective is to provide a student-centered, active-learning environment that promotes critical thinking, collaborative learning, and an understanding and appreciation of the processes of scientific investigations. Five hours of integrated lecture and laboratory per week. (As Needed)

**631. Computational Modeling in Physical Science.** Credit 3 hours. Prerequisite: PHYS 622 or CHEM 622. A course designed to address introductory level topics in physical science with high performance computational modeling. Three major themes will guide the course: helping students clearly understand the tools and techniques of computational science to better understand how they are used in both modern research and teaching; providing students with an opportunity to deepen their content knowledge in a manner very different than traditional education in physical science, and providing students with alternate strategies that enable them to more effectively teach conceptual topics in physical science. Numerical modeling, systems dynamics modeling, agent modeling, and molecular modeling software tools and techniques will be used for a variety of physics and chemistry topics. (As Needed)

**635. Curriculum Design for Physical Science.** Credit 3 hours. Prerequisites: PHYS 621/622 or CHEM 621/622 and PHSC 631. A graduate-level capstone course that explores the elements of research-based curriculum design and their application for physical science. The three themes of the course include: identifying the key elements of research-based curricula, investigating and evaluating the application of these elements in the existing pool of research-based curricula for physical science, and the application of these elements toward the creation of original lessons and curriculum units for physical science. Key elements that will be surveyed include how people learn, teaching for

understanding, assessment and its role in “backwards design”, as well as the role of content standards, inquiry, nature of science, instructional models, technology, and various pedagogical structures (i.e. cooperative learning, questioning, science talk) in curriculum design. (As Needed)

## Physics (PHYS & PLAB)

Credit toward the degree will be granted for only one of the Physics courses in each of the following combinations: 142-191-221, 192-222, 193-223, 194-224.

**100. Acoustics for Musicians.** Credit 3 hours. Prerequisites: MATH 151 or 161, or Math ACT score of 20 or higher. The fundamentals of sound, waves and related phenomena for music majors. Three hours of lecture per week. (Fall)

**121. Elementary Modern Electronics.** Credit 3 hours. Prerequisite: Registration for or prior credit for PHYS 123. A course emphasizing circuit design with modern integrated circuit chips. (As Needed)

**123. Elementary Modern Electronics Laboratory.** Credit 1 hour. Prerequisite: Registration for or prior credit for PHYS 121. A laboratory course involving the construction of radios, digital counters, clocks, frequency meters and other devices for electronic measurement and control. (As Needed)

**130. Orientation to the Physics Curriculum.** Credit 1 hour. Prerequisite: Major in physics or secondary science education with a teaching area of physics, or permission of the Department Head. This course will orient incoming physics majors to the physics curriculum by placing physical principles in the context of current events and current research. To this end, the physics faculty and other visiting speakers will present on topics of their choosing. (Fall)

**142. Physics for Elementary Education.** Credit 4 hours. Prerequisite: Education majors, inservice teachers, or permission of the Department Head. This course is designed to prepare preservice and inservice K-12 teachers to teach physical science as a process of inquiry. The curriculum will focus on a small number of topics in elementary physics, and students will actively engage in a process of hands-on investigation and discovery in a laboratory setting. The central objective is to provide an active learning environment that promotes critical thinking skills, collaborative learning, and an understanding and appreciation of the process of scientific investigation. Three hours of lecture and two hours of laboratory per week. (Summer, Fall, Spring)

**191. General Physics.** [LCCN: CPHY 2113, Physics I (Algebra/Trigonometry Based)]. Credit 3 hours. Prerequisite: MATH 162, or 165, or 200, or permission of the Department Head. A study of the fundamentals of mechanics, heat and sound for students in the biological sciences, industrial technology, and other areas where a knowledge of calculus is not required. (Summer, Fall, Spring)

**191H. General Physics Honors.** Credit 3 hours. Prerequisites: ACT mathematics standard score of 27 or higher or completion of MATH 162, or 165, or 200 with a grade of C or higher; and registration for PLAB 193H. A study of the fundamentals of mechanics, heat and sound for students in disciplines where a knowledge of calculus is not required. (As Needed)

**192. General Physics.** [LCCN: CPHY 2123, Physics II (Algebra/Trigonometry Based)]. Credit 3 hours. Prerequisite: PHYS 191. A study of the fundamentals of electricity, magnetism, light, and modern physics for students in the biological sciences, industrial technology, and other areas where a knowledge of calculus is not required. (Summer, Fall, Spring)

**193. General Physics Laboratory.** [LCCN: CPHY 2111, Physics Lab I (Algebra/Trigonometry Based)]. Credit 1 hour. Prerequisite: Registration for or prior credit for PHYS 191. Selected laboratory experiments designed to supplement the lecture in PHYS 191. Two hours of laboratory a week. (Summer, Fall, Spring)

**193H. General Physics Honors Laboratory.** Credit 1 hour. Prerequisite: Registration for or prior credit for PHYS 191H. Selected laboratory experiments designed to supplement the lecture in PHYS 191H. Two hours of laboratory a week. (As Needed)

**194. General Physics Laboratory.** [LCCN: CPHY 2121, Physics II Lab (Algebra/Trigonometry Based)]. Credit 1 hour. Prerequisites: PLAB 193 and registration for or prior credit for PHYS 192. Selected laboratory experiments designed to supplement the lecture in PHYS 192. Two hours of laboratory a week. (Summer, Fall, Spring)

**221. General Physics.** [LCCN: CPHY 2133, Physics I (Calculus Based)]. Credit 3 hours. Prerequisites: Registration or prior credit for Mathematics 200. Basic principles of mechanics, heat and sound for technical students only. (Fall, Spring)



**222. General Physics.** [LCCN: CPHY 2143, Physics II (Calculus Based)]. Credit 3 hours. Prerequisite: PHYS 221. Basic principles of electricity, magnetism, and light for technical students only. (Fall, Spring)

**223. General Physics Laboratory.** [LCCN: CPHY 2131, Physics I Lab (Calculus Based)]. Credit 1 hour. Prerequisite: Registration for or prior credit for PHYS 221. A corresponding laboratory course for PHYS 221. Three hours of laboratory a week. (Fall, Spring)

**224. General Physics Laboratory.** [LCCN: CPHY 2141, Physics II Lab (Calculus Based)]. Credit 1 hour. Prerequisites: PLAB 223 and registration for or prior credit for PHYS 222. A corresponding laboratory course for PHYS 222. Three hours of laboratory a week. (Fall, Spring)

**241. Engineering Statics.** Credit 3 hours. Prerequisites: PHYS 221 and PHYS 222 and MATH 201. Vectors; two-dimensional and three-dimensional force system; equilibrium; friction; centroids; mass moments of inertia; second moments of areas. (As Needed)

**242. Engineering Circuits.** Credit 3 hours. Prerequisites: PHYS 221 and PHYS 222 and MATH 201. Introduction to linear, time-invariant and jumped circuits. Kirchoff's laws, analysis of resistive circuits and steady-state and analysis of RLC and transformer circuits. (As Needed)

**301. Electricity and Magnetism.** Credit 3 hours. Prerequisite: PHYS 222. Advanced study of the fundamentals of electricity and magnetism. (As Needed)

**303. Electricity and Magnetism Laboratory.** Credit 1 hour. Prerequisites: PLAB 224 and registration for or prior credit for PHYS 301. Selected experiments in advanced electricity and magnetism. Three hours of laboratory a week. (As Needed)

**312. Optics.** Credit 3 hours. Prerequisites: PHYS/PLAB 222/224 and registration for or prior credit for PHYS 314. Advanced study of the fundamentals of geometric and physical optics. (As Needed)

**314. Optics Laboratory.** Credit 1 hour. Prerequisite: Registration for or prior credit for PHYS 312. A laboratory course designed to introduce the student to the operational techniques of advanced optical instruments. Two hours of laboratory a week. (As Needed)

**321. Thermodynamics.** Credit 3 hours. Prerequisites: PHYS/PLAB 222/224 and MATH 201. An introduction to the principles of thermodynamics, kinetic theory, and statistical mechanics. (Spring)

**331. Mathematical Physics.** Credit 3 hours. Prerequisites: PHYS/PLAB 222/224 and MATH 201. A study of vectors, complex variables, and other selected topics that have application in mechanics, electromagnetic wave theory, and vibratory motion. (As Needed)

**332. Intermediate Mechanics.** Credit 3 hours. Prerequisite: PHYS 222. A study of the fundamentals of mechanics. (As Needed)

**351. Modern Physics.** Credit 3 hours. Prerequisites: PHYS/PLAB 222/224. A survey of the modern physical theories of relativity, quantum mechanics, the solid state, molecular structure, and elementary particles. (As Needed)

**401/501. Advanced Mechanics.** Credit 3 hours. Prerequisite: PHYS 332. A continuation of PHYS 332 with further study of the fundamentals of mechanics. (As Needed)

**402/502. Electromagnetic Wave Theory.** Credit 3 hours. Prerequisite: PHYS 301. A theoretical treatment of electromagnetic waves. (As Needed)

**411/511. Physics Seminar.** Credit 1 hour. Prerequisite: Permission of the Department Head. Reviews and discussion of current research topics by students, faculty, and industrial personnel. (As Needed)

**412/512. Physics Seminar.** Credit 1 hour. A continuation of PHYS 411/511. (As Needed)

**421/521. Quantum Mechanics I.** Credit 3 hours. Prerequisites: PHYS/PLAB 222/224. A course on the fundamentals of quantum mechanics. (As Needed)

**422/522. Quantum Mechanics II.** Credit 3 hours. Prerequisites: PHYS 421/521. A continuation of PHYS 421/521. (As Needed)

**425. Advanced Undergraduate Laboratory.** Credit 2 hours. Prerequisites: PHYS 301, 303, and Physics 351. An advanced laboratory for all majors in physics. Selected experiments in modern physics will be performed with an emphasis on data acquisition and error analysis. Six hours of laboratory per week. (As Needed)

**430/530. Special Topics in Physics.** Credit 1-3 hours per semester. Prerequisite: Senior standing in physics or permission of the Department Head. A reading course with topics and credit to be decided by agreement between the Department Head and the student. This course may be repeated for a total of six credit hours if different topics are studied. (Spring)

**612. Laser Physics.** Credit 3 hours. Prerequisite: PHYS 402 or permission of Department Head. Topics include electromagnetic fields, propagation of optical beams, optical resonators, interaction of

radiation and atomic systems, laser oscillation, modulation of optical radiation and some specific laser systems. Laser interferometric gravitational wave detector may be used as an example. (As Needed)

**619. Computational Methods in Physics.** Credit 3 hours. Prerequisite: PHYS 331 or MATH 350 or CHEM 395. Computational methods for solving practical problems arising in physics. Topics include numerical methods for solving equations, systems of equations, ordinary differential equations, partial differential equations, polynomial integration and least square approximation. (As Needed)

**621. Conceptual Frameworks in Introductory Physics I.** Credit 3 hours. Prerequisites: PHYS 221 and permission of the Department Head. This is a three credit-hour graduate course that will provide a rigorous treatment of the conceptual frameworks of introductory physics. Three major themes will guide the course: the process of science, motion as explained by force, and motion as explained by energy. The course will consist of textbook-supported guided inquiry exercises that lead students through their own development of the conceptual frameworks of physics by constructing, applying, evaluating, and/or revising theories and models in light of empirical evidence. (As Needed)

**622. Conceptual Frameworks in Introductory Physics II.** Credit 3 hours. Prerequisites: PHYS 222, PHYS 621, and permission of the Department Head. This is a three credit-hour graduate course that will provide a rigorous treatment of the conceptual frameworks of introductory physics. Three major themes will guide the course: the process of science, motion as explained by force, and motion as explained by energy. The course will consist of textbook-supported guided inquiry exercises that lead students through their own development of the conceptual frameworks of physics by constructing, applying, evaluating, and/or revising theories and models in light of empirical evidence. (As Needed)

## Political Science (POLI)

**201. American Politics.** [LCCN: CPOL 2013, Introduction to American Government]. Credit 3 hours. A study of the problems, principles, and structure of the American national political system. (Summer, Fall, Spring)

**202. State and Local Politics.** [LCCN: CPOL 2113, Introduction to State and Local Government]. Credit 3 hours. A study of the problems, principles, and structure of state and local politics in the United States. Special attention to Louisiana state and local politics. (Summer, Fall, Spring)

**300. Research Methods and Statistics in Political Science.** Credit 3 hours. Emphasis on the elements of social scientific research as they apply to the field of political science. (Summer, Fall, Spring)

**400/500. Independent Study.** Credit 3 hours. Prerequisites: Junior standing or permission of the Department Head. Conducted as a tutorial for individual students seeking additional work beyond the introductory level. Readings chosen according to student interest, academic orientation, and level of preparedness. Evaluations conducted on the basis of discussions and written assignments. Students taking this course for graduate degree credit must expect greater reading and paper requirements. May be repeated once but Department Head approval is required to count more than 3 hours toward the B.A. in Political Science or M.A. in History. (As Needed)

**401/501. Introduction to Public Law.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. American law in action. Definition, classification, function, and relationships of law. The study of the role of legislatures and the courts in the legal process, theories of justice, and the development of modern jurisprudence. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Odd Years)

**403/503. Constitutional Law.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A survey of the interpretation of the law according to the United States Constitution. Special emphasis on the study of cases in local, state, and federal courts. Class discussion and analysis of cases will be featured. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring Even Years)

**405/505. Criminal Justice and the U.S. Constitution.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An investigation of basic constitutional problems involving criminal justice procedures with an emphasis on landmark U.S. Supreme Court decisions. Credit cannot be given for both CJ 405/505 and POLI 405/505. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (As Needed)

**406/506. The Administration of the American Courts Systems.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An examination of the theory, practice, people, major issues and problems of the American civil and criminal court systems. Credit cannot be given for both CJ 406/506 and POLI 406/506. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Even Years)

**407/507. Civil Rights and Civil Liberties.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Emphasis will be placed on First Amendment freedoms and on the Fourteenth Amendment Due Process and Equal Protection clauses. The study of cases will be supplemented by readings. Special attention is given to current problems. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Spring Semesters)

**420/520. International Relations.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Introductory study of principles and problems relating to the relations between nations. Special attention will be given to current world problems. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Odd Years)

**422/522. International Organizations.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Regional, functional, and universal international organizations. Consideration of structure, process, and activities. Attention to their role as forces for change. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring Even Years)

**424/524. International Political Economy.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. The study of the interplay between politics and economics in the international arena. Examines the theoretical frameworks of Classical Liberalism, Marxism, systems theory, etc., and how they apply to the advanced industrial nations and the developing nations. Focuses on the political environments that have emerged and their impact on the economic well-being of the northern and southern hemispheres. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Even Years)

**425/525. Comparative European Politics.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. The comparative study of European political systems, concentrating on politics in Great Britain, France, Germany, Italy, and Russia, including an analysis of the development and current status of the European Union. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall)

**426/526. Comparative Politics of Developing Nations.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. The study of the political systems of developing nations, examining the progression of their political and economic systems, emphasizing the interrelated effects of these systems within each nation. Concentrating on India, Greater China, Brazil, Japan and the Pacific Rim, and nations of sub-Saharan Africa. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring)

**428/528. Middle East Politics.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An examination of the Middle East and the development of its geographical and political boundaries. A brief historical background introduces the contemporary nations of the Middle East, concentrating on a comparative analysis of their political systems, the international relations between these nations (through organizations such as OPEC and the Arab League), and relations between the Middle East and political systems outside of the region. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring Odd Years)

**432/532. Southern Politics.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An examination of the politics of the American South, focusing on the dramatic political developments and shifts within the region since World War II. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Odd Years)

**434/534. The American Presidency.** Credit 3 hours. Prerequisite: POLI 201 and ENGL 102. An analysis of the creation, history, and development of the office of the presidency. Special attention will be given to the powers and responsibilities of the modern presidency. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring Odd Years)

**436/536. Legislative Process.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An analysis of the principles, procedures, and problems of law-making in the United States, including Congress and state legislatures. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring Even Years)

**437/537. The Louisiana Legislature in Session.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Intensive coverage of the Louisiana legislature in session. Special emphasis on actual daily attendance of the legislative session in Baton Rouge, observing committee hearings and floor

debates, and meeting the players in the legislative arena. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Summer)

**438/538. Political Parties.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A study of the origin, development, and functions of American political parties. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Odd Years)

**440/540. Louisiana Politics.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A study of patterns, trends, and issues important to the development of Louisiana politics and political culture. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring Even Years)

**442/542. Polling and Public Opinion.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An examination of the content, causes, and effects of public opinion in American politics. Special emphasis on the tools of public opinion research. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Even Years)

**444/544. American Foreign Policy.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A study of the patterns, trends, and sources of American foreign policy. Particular emphasis on post-World War II foreign policy. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Spring Semesters)

**446/546. Politics and the Environment.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An exploration of the evolution of modern environmental policy in the United States. A focus on the American approach to domestic and international environmental issues. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring Odd Years)

**450/550. Ancient and Medieval Political Theory.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Political thought of Greece, Rome, Medieval Europe, and the emergence of modern political concepts. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Odd Years)

**451/551. Modern and Contemporary Political Theory.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Political thought in recent times which strongly reflects the impact of the industrial revolution. Socialism, Marxism, Communism, Nazism, and Fascism are considered. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring Even Years)

**452/552. American Political Theory.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Significant American political ideas from colonial times to the present. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Even Years)

**460/560. Public Administration.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An analysis of the personnel programs, financial procedures, and administrative structure of American government. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall Even Years)

**462/562. Special Topics in Public Administration and Public Policy.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A detailed study of a topic within the fields of public administration and/or public policy. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring Odd Years)

**470. Internships in Political Science.** Credit 3 hours. Prerequisite: A minimum grade point average of 2.7 cumulative and 3.0 in political science. An opportunity for students to learn about government and politics from the viewpoint of a participant. Interns must work a minimum of 20 hours per week during a regular semester, a minimum of 40 hours per week during a summer semester, at times mutually agreeable to the individual and the agency. Any reading and paper requirements must be satisfied. All grade requirements and criteria will be established ahead of time by the faculty internship coordinator. Course may be taken twice for a maximum of 6 credit hours. Each instance may be substituted for 3 required credit hours in a particular subfield of political science at the 400 level, though there can be no such substitution for POLI 490. (As Needed)

**475/575. International Political Simulations.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. This course prepares students for political simulations of policy decisions within international organizations. While the most common format for such simulations is that provided by the Model United Nations, other possible simulation formats include the Model Organization of American States, the Model European Union, the Model North Atlantic Treaty Organization, and the Model Arab League, among others. (As Needed)

**480/580. Special Topics in Political Science.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head approval. A detailed study of a topic selected by the instructor.

Topics and instructors will vary. May be repeated once, but Department Head approval is required to count more than 3 hours toward the B.A. in Political Science or M.A. in History. (As Needed)

**490. Seminar for Political Science Majors.** Credit 3 hours. Prerequisite: Senior standing or permission of the Department Head. A seminar style readings course designed to give students a general survey of the field of political science. This course serves as a capstone course for majors in political science. (Summer, Fall, Spring)

**600. Seminar: Special Topics in American Politics.** Credit 3-6 hours. Course may be taken twice, for a maximum of 6 credit hours, when the subject matter differs. (As Needed)

**610. Seminar: Special Topics in International Politics.** Credit 3-6 hours. Course may be taken twice, for a maximum of 6 credit hours, when the subject matter differs. (As Needed)

## Process Technology (PTEC)

**101. Introduction to Process Technology.** Credit 3 hours. An introduction to the field of Process Technology and the role of process operators within the plant. Major topics to be studied include operator performance and responsibilities, employer expectations, plant safety, responsible care and compliance with regulations, instrumentation, plant equipment and processes, and industrial process control.

**131. Instrumentation I.** Credit 3 hours. An introduction to the common instrumentation components and their operation and their function within a control loop. Students will be introduced to pressure, temperature, level and flow measurement as well as controllers, valve positioners and relays. Two hours of lecture and two hours of laboratory per week.

**132. Instrumentation II.** Credit 3 hours. Prerequisites: PTEC 131 and CMPS 110. A detailed study of instrumentation as applied to industrial process control. Major topics to be studied include control concepts, functional structure of feedback control, sensors and transmission systems, controllers, process dynamics and tuning control systems. Two hours of lecture and two hours of laboratory per week.

**161. Plant Equipment.** Credit 3 hours. A study of industrial plant equipment, including their construction, principles of operation, and utilization within process systems. Equipment to be studied includes pumps, compressors, valves, instruments, boilers, furnaces, turbines, heat exchangers, and cooling towers. Two hours of lecture and two hours of laboratory per week.

**207. Statistical Quality Control.** Credit 3 hours. Prerequisites: PTEC 242 and MATH 161. A study of the statistical quality control requirement of process industries. Major topics include internal and external customer/supplier relationship, total quality management, statistical methods of quality control, and computer software SPC/SQC programs.

**242. Unit Operations.** Credit 3 hours. Prerequisites: PTEC 101 and 161. A functional examination of the general types of processes found in the chemical and refining industries, including distillation and fractionation, reaction, absorptions, adsorption, extraction, stripping, cracking, alkylation, hydroprocessing, clarification and water treatment. Two hours of lecture and two hours of laboratory per week.

**243. Industrial Process Control.** Credit 4 hours. Prerequisites: PTEC 132 and 242 and CHEM 101 and 103. An advanced study of the design and control of industrial processes. Students will be required to operate and monitor process plant simulators and troubleshoot system upsets. Two hours of lecture and four hours of laboratory per week.

**263. Fluid Mechanics.** Credit 3 hours. Prerequisites: PTEC 132 and PHYS 191 and 193. A study of the principles of fluid mechanics which provide the theoretical foundation required for the design, construction, installation and operation of plant equipment and process units.

## Psychology (PSYC)

**101. General Psychology I.** [LCCN: CPSY 2013, Introduction to Psychology]. Credit 3 hours. A survey of the science of mind and behavior of humans and other animals. Topics may include the scientific method, history of psychology, learning, development, personality, social psychology, and psychopathology. (Summer, Fall, Spring)

**102. General Psychology II.** Credit 3 hours. Prerequisite: PSYC 101 or permission of Department Head. A continuation of topic areas not covered in PSYC 101. Covers the biological and

cognitive basis of behavior, possibly including the brain, anatomy and physiology, sensation and perception, consciousness, language, and other aspects of cognition. (Fall, Spring)

**116H. General Psychology for Honors I.** Credit 3 hours. Prerequisite: Active status in the Honors Program or permission of Department Head. An intensive survey of the science of the mind and behavior of humans and other animals. Topics may include the scientific method, history of psychology, learning, development, personality, social psychology, and psychopathology. In addition to exams, students may be assigned papers, presentations, and other enriching assignments. This course substitutes for PSYC 101; students may not receive credit for both PSYC 101 and PSYC 116H. (As Needed)

**117H. General Psychology for Honors II.** Credit 3 hours. Prerequisites: PSYC 101 or PSYC 116H and active status in the Honors Program or permission of Department Head. This course surveys the biological and cognitive basis of behavior, possibly including the brain, anatomy and physiology, sensation and perception, consciousness, language and other aspects of cognition. In addition to exams, student may be assigned papers, presentations, and other enriching assignments. This course substitutes for PSYC 102; student may not receive credit for both PSYC 102 and PSYC 117H. (As Needed)

**204. Developmental Psychology.** [LCCN: CPSY 2113, Developmental Psychology]. Credit 3 hours. Prerequisite: PSYC 101 or consent of the Department Head. General principles of development: theory and research relating to cognitive, social, biological, and emotional factors across the life span. (Fall, Spring)

**205. Psychology of Criminal Justice.** Credit 3 hours. Prerequisites: CJ 101 and PSYC 101 or consent of the Department Head. Also offered as CJ 207. Applications of psychology to the criminal justice system. Topics will include: theories of violence, eyewitness testimony, jury selection and procedures, expert testimony, victims, and prisons. Credit cannot be given for both CJ 207 and PSYC 205. (As Needed)

**210. Social Psychology.** [LCCN: CPSY 2413, Social Psychology]. Credit 3 hours. Prerequisite: PSYC 101. Scientific study of human social interaction and influence. Topics may include interpersonal attraction, attribution theory, attitudes, and group dynamics. (Fall, Spring)

**220. Principles of Research Design.** Credit 3 hours. Prerequisites: PSYC 101 or permission of Department Head. Principles of designing, conducting, and interpreting psychological research are surveyed. Critical analysis of published research is emphasized. Students are required to write a paper proposing a research project. (Fall, Spring)

**221. Psychological Statistics.** Credit 3 hours. Prerequisites: MATH 151 or 161, PSYC 220, and registration for PSYC 222. Basic descriptive and inferential statistics applied to data in the behavioral sciences. (Fall, Spring)

**222. Psychological Statistics Laboratory.** Credit 1 hour. Prerequisite: Registration in PSYC 221. A series of laboratory exercises on microcomputers designed to reinforce statistical concepts presented in PSYC 221. Students will complete a series of tutorial programs. In addition, students will get experience analyzing data using standard social sciences statistical packages such as SPSS. (Fall, Spring)

**223. Professional Issues in Psychology.** Credit 3 hours. Prerequisite: PSYC 101. This course provides an overview of the field of psychology with a focus on career opportunities for psychology majors and ethical considerations in the science and practice of psychology. Topics include privacy, licensure, ethical treatment of participants in research, and career options for psychology majors terminating with bachelor's degrees as well as those moving on to post-graduate work. (As Needed)

**231H. Honors Research.** Credit 1-3 hours. Prerequisites: Limited to Honors students and PSYC 220. This course is an independent study research mentorship with a member of the Psychology faculty. Students will spend approximately 4 hours per week on the faculty member's research team for each credit hour. May be repeated for a total of three credit hours. Grading will be Pass/Fail. (As Needed)

**251. Group Dynamics.** Credit 3 hours. Prerequisite: PSYC 101. This course will survey group theory, interpersonal dynamics, and team processes with special consideration for teams within organizations. Topics will include interpersonal influence and conformity, group effectiveness, and group decision making. (As Needed)

**282. Special Topics in Psychology.** Credit 3 hours. Prerequisite: PSYC 101 or permission of the Department Head. An exploration of current issues in Psychology, including those of relevance to students not intending to major in the field. May be repeated for a maximum of six hours. (As Needed)

**285. Psychology of Developmental Disabilities.** Credit 3 hours. Introduction to development disabilities. Topics include history of developmental disabilities, assessment, legal issues, and research relating to cognitive, social, biological and emotional factors among individuals with developmental disabilities. (Fall, Spring)

**324. Psychology of Infancy and Childhood.** [LCCN: CPSY 2313, Child Psychology] Credit 3 hours. Prerequisite: PSYC 204. Overview of development from conception through middle childhood with a focus on physical, neurological, cognitive, and social-emotional domains across multiple contexts. Psychological theories and research findings are emphasized and both typical and atypical development are addressed. (As Needed)

**335. Research Design and Analysis.** Credit 3 hours. Prerequisites: PSYC 221 and PSYC 222. The principles of research covered in PSYC 220 applied in an experimental or non-experimental research project. Students will be presented with a research design and procedure, which they implement. Results of the research will be communicated in a complete report following standard journal article format. (Fall, Spring)

**343. Conditioning and Learning.** Credit 3 hours. Prerequisite: PSYC 101 or permission of the Department Head. The course will survey classical and operant conditioning and theoretical approaches to understanding them. Special topics with theoretical and practical significance will be explored. (Spring)

**345. Psychology of Adolescence and Adulthood.** Credit 3 hours. Prerequisite: PSYC 204. Overview of development from puberty to old age, with a focus on physical, neurological, cognitive, and social-emotional domains across multiple contexts. Psychological theories and research findings are emphasized and both typical and atypical development are addressed. (As Needed)

**346. Sensation and Perception.** Credit 3 hours. Prerequisites: PSYC 101 and 102, or consent of the Department Head. A survey of the functions of the major senses stressing the psychological aspects of perception, with some attention to their physiological substrata. Topics will include color vision, the perceptual constancies, the perception of pitch, movement, and psychophysics. (Even Spring Semesters)

**347H. Honors Seminar: Issues in Psychology.** Credit 1 hour. Prerequisite: Honors student in good standing. This course covers classic readings in psychology; professional issues in psychology; presentations of faculty research; presentations of student research. Course may be repeated no more than six times. (As Needed)

**350. Introduction to Clinical Psychology.** Credit 3 hours. Prerequisites: PSYC 101 and 102, or consent of the Department Head. This course is designed to provide a general survey of the field of clinical psychology; however, the areas of diagnostic assessment, personality theory and psychotherapy techniques are emphasized. Diagnostic assessment will focus on the concepts of reliability and validity with regard to those tests which usually comprise the standard psychiatric battery. Those personality theories which have generated relatively distinctive techniques of psychotherapy will be considered as well as the effectiveness of the psychotherapies themselves. (Spring)

**353. Introduction to Applied Behavior Analysis.** Credit 3 hours. Prerequisite: PSYC 343 or consent of Department Head. This course provides an introduction to the principles and concepts of applied behavior analysis (ABA), including historical perspective of ABA, fundamental vocabulary, philosophy, and methodology of the science of behavior management. Topics may also include rule-governed and verbal behavior, along with examples of behavioral assessment and modification techniques. Ethics issues and responsibilities of behavior analysts will be discussed. (As Needed)

**364. Tests and Measurement.** Credit 3 hours. Prerequisite: PSYC 220. This course provides students the opportunity to develop skills for assessing quality of commonly used measures of human behavior. Core concepts covered will include norms, reliability and validity, and how these aspects lead to evaluation, administration, and interpretation of tests currently in use in clinical, industrial, and educational settings. Other topics include ethics, testing and the law, and test construction. (As Needed)

**365. Advanced Research Design and Analysis.** Credit 3 hours. Prerequisite: Grades of "B" or higher in PSYC 220 and PSYC 221. The principles of research covered in Psychology 220 applied in an original experimental or non-experimental research project. Students will work collaboratively with faculty to devise and implement a research design and procedure. Results of the research will be communicated in a complete report following standard journal article format and presented at a regional or departmental event. This course is recommended for those intending to pursue graduate studies. (Fall, Spring)

**367H. Senior Honors Research in Psychology.** Credit 3 hours. Prerequisites: Honors student in good standing and PSYC 335. Independent studies course in preparation for Honors Thesis. (As Needed)

**373. Evolutionary Psychology.** Credit 3 hours. Application of Darwinian principles to the understanding of human nature. The course integrates important concepts from evolutionary biology, anthropology, and comparative psychology in order to construct a comprehensive framework from which human thought and behavior can be understood. (As Needed)

**416. Personality.** Credit 3 hours. Prerequisites: 12 hours of Psychology courses including PSYC 101 and Junior standing. This course explores the concepts of psychological traits and personality types and the relationship between personality and personal identity. (Fall)

**421/521. History and Systems of Psychology.** Credit 3 hours. Prerequisites: 12 hours in Psychology and Junior standing. Comparative historical study, with some unifying reconciliation, of the various influential individuals, systems, or "schools" of psychology that represent the major different approaches to the study of the mind and behavior. (As Needed)

**422/522. Abnormal Psychology.** Credit 3 hours. Prerequisites: PSYC 101 and Junior standing. Examination of the validity of the concept of "Abnormality" and what variables influence the diagnostic process. Nature, etiology, and prognosis of major behavioral and emotional disorders will be included to illustrate basic principles. (Fall, Spring)

**440. Cognitive Psychology.** Credit 3 hours. Prerequisites: PSYC 101, 102, and Junior standing. An analysis of theories and research on internal mental processes. (Fall, Spring)

**449/549. Individual Research in Psychology.** Credit 3 hours. Prerequisite: PSYC 335 or consent of the Department Head. Enrollment ordinarily limited to one or two students per instructor. A course devoted to research design and implementation of this design by conducting and communicating results in publishable form. May be taken up to 3 times (9 credit hours) with the permission of the Department Head. (As Needed)

**450. Service Learning.** Credit 1-3 hours. This course is intended for students to gain field experience in an applied psychological setting. Students are required to write a paper about their experiences. May be repeated for a maximum of 6 credits. Pass/Fail Grading. (As Needed)

**452/552. Industrial Psychology.** Credit 3 hours. Prerequisite: PSYC 101 or consent of the Department Head. This course will survey the application of psychological principles to important areas in the work setting. Topics will include job analysis, personnel selection, training, performance appraisal / management, and human factors. (As Needed)

**458. Applied Behavior Analysis: Assessment and Research Methods.** Credit 3 hours. Prerequisite: Grade of "B" or better in PSYC 353 or consent of the Department Head. This course is designed to provide students with an understanding of behavioral assessment and single subject experimental designs. Topics will include construction of behavioral definitions, data collection systems, identification of problem behavior, behavioral/functional assessment, ethical and professional conduct, experimental design, and methods for evaluating the effectiveness of behavioral interventions. (As Needed)

**460. Applied Behavior Analysis: Behavioral Interventions.** Credit 3 hours. Prerequisite: Grade of "B" or better in PSYC 353 or consent of the Department Head. This course will provide students with knowledge of behavior-analytic interventions designed to promote appropriate behaviors and decrease aberrant responses. Topics will include fundamental elements of behavior change, behavior-change considerations, specific behavior change procedures, behavior-change systems, and implementation/supervision. (As Needed)

**462. Physiological Psychology.** Credit 3 hours. Prerequisites: PSYC 101 and 102, or consent of the Department Head. Understanding the brain-behavior relationship by investigating research which deals with the manipulation of physical and chemical events in the organism and the resultant behavior. (Fall, Spring)

**467H. Honors Thesis in Psychology.** Credit 3 hours. Prerequisites: Honors student in good standing and PSYC 367H. Independent study for writing and oral defense of Honors Thesis. (As Needed)

**468. Independent Readings in Psychology.** Credit 3 hours. May not be repeated. Prerequisites: Senior standing and consent of the instructor. Guided readings in an area mutually agreed upon by the student and the instructor. A final written report is required. (As Needed)

**470/570. Organizational Psychology.** Credit 3 hours. Prerequisites: Junior Standing, 12 hours in Psychology, or consent of the Department Head. Intensive exploration, in-depth, of selected topics,



designed to organize, clarify, and supplement the student's grasp of psychology. Course may be taken up to three times for a maximum of 9 hours with consent of the Department Head. (As Needed)

**482/582. Seminar in Psychology.** Credit 3 hours. Prerequisites: 12 hours in Psychology or consent of the Department Head, and Junior standing. Intensive exploration, in-depth, of selected topics, designed to organize, clarify, and supplement the student's grasp of psychology. (As Needed)

**612. Learning, Memory, and Cognition.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. A survey of advanced issues of learning and cognitive processes. (Fall)

**613. Physiological Psychology.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. An advanced survey of theory and research dealing with relationship between brain and behavior. (Spring)

**614. Social Psychology.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. An advanced survey of theory and research in social processes. Topics include perception of self and others, group influence and group dynamics, altruism, and aggression. (Fall)

**615. Psychological Assessment.** Credit 3 hours. Prerequisite: PSYC 635 or 636. Introduction to the systematic assessment of individuals. Basic test theory is presented. Interviews, surveys, objective and projective tests will be covered, with the emphasis varying from time to time. Limited laboratory practice with representative techniques. (Fall)

**616. Theories of Personality.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. A survey of selected major theories of personality development and dynamics, and evaluation of their usefulness in the prediction and control of behavior. Also, evaluation of therapy techniques derived from such theories. (As Needed)

**620. Developmental Psychology.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. An advanced survey of theory and research in development. Topics include cognitive, social, and emotional development, and the development of psychopathology. (As Needed)

**635. Experimental Design and Analysis.** Credit 4 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. Design and analysis of research for which there is direct control of the independent variable(s). Both experimental and quasi-experimental designs will be covered. Statistical techniques will include ANOVA, planned comparisons, and post-hoc tests. (Fall)

**636. Non-experimental Design and Analysis.** Credit 4 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. Design and analysis of research for which there is no direct control of the independent variable(s). Statistical techniques will include correlation, regression, multiple correlation, and multiple regression. (Spring)

**649. Independent Skills Augmentation for Research.** Credit 1-3 hours. Prerequisites: Psychology graduate standing and completion of PSYC 635 and 636 with a grade of at least "B." This course will provide individualized instruction on research design, statistics, protocol development, and technical writing in psychology to facilitate thesis and non-thesis project progression. Additional skills such as time management, goal setting, and data collecting strategies will be discussed. Weekly meetings will be required. This course may not be used to satisfy required elective hours. This course may be repeated as outlined in the Progression guidelines. (Summer, Fall, Spring)

**660. Special Topics in Psychology.** Credit 3 hours. Prerequisites: Psychology graduate standing or permission of the Department Head. An in-depth analysis of a limited number of topics in Psychology. Topics will change from semester to semester, depending on the interests of the instructor. This course may be repeated for credit. (Fall, Spring)

**668. Independent Readings in Psychology.** Credit 3 hours per semester. Prerequisite: Psychology graduate standing or permission of the Department Head. Individual reading in an area agreed upon by the faculty member and student. A final written report is required. May not be repeated. (As Needed)

**679. Psychotherapy Techniques.** Credit 3 hours. Prerequisites: Psychology graduate standing or permission of the Department Head. Provides education and training in psychotherapy techniques, including such topics as establishing a therapeutic relationship, formulating and implementing effective treatment plans, crisis intervention, and ethical principles/legal issues relevant to psychotherapy. Topics covered are not designed to be bound to any particular theoretical orientation but are relevant to any practice of psychotherapy. (Spring)

**683. Practicum.** Credit 3 hours. Prerequisites: Approval of the Psychology Graduate Coordinator; a grade of "B" or better in PSYC 635 and 636; students interested in testing practicum must complete PSYC 615 or an approved alternative; students interested in a counseling practicum must complete PSYC 679; students interested in an Industrial/Organizational practicum must complete PSYC 575 or receive permission from the coordinator. Students will provide teaching in psychology or psychological services to individuals and/or organizations in a suitable setting. For students involved in clinical practica, the supervisor must be state licensed. For students involved in I/O practica, the supervisor must have appropriate or related educational background. Students involved in teaching practica will teach or assist with teaching an undergraduate class in psychology, possibly including developing a syllabus, delivering lectures, and designing and grading quizzes, exams, and other assignments. May be repeated up to 3 times with permission of the Department Head and no more than 6 hours count toward the Master's Degree. (Summer, Fall, Spring)

**692. Psychopharmacology.** Credit 3 hours. Prerequisite: Psychology graduate standing or permission of the Department Head. Course will survey basic principles of drug action and the effects of several classes of psychoactive drugs on the nervous system and behavior. Therapeutic and illicit use of drugs will be covered. (As Needed)

**770. Thesis.** Credit 1-6 hours each semester, with six hours needed for graduation. Prerequisites: Psychology graduate standing and completion of PSYC 635 and 636 with a grade of "B" or better. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass/Fail. (Summer, Fall, Spring)

**771. Non-Thesis Project.** Credit 1-6 hours each semester, with six hours needed for graduation. Prerequisites: Psychology graduate standing and completion of PSYC 635 and 636 with a grade of "B" or better. This course is required for all non-thesis plan graduate students. The student must enroll in the non-thesis project course each semester the non-thesis project is in progress. The non-thesis project is graded Pass/Fail. (Summer, Fall, Spring)

## Publishing Studies (PUBL)

**463/563. Desktop Programs for Online Publishing.** Credit 1 hour. An intensive course on the principles, practices, and production techniques for web design and online publishing. One to two hours of lecture and/or lab per week (based on a 15-week semester). (As Needed)

**496/596. Desktop Programs for Text Publishing.** Credit 1 hour. An intensive course on the principles, practices, and production techniques in desktop layout of text and images for print and online publishing. One to two hours of lecture and/or lab per week (based on a 15-week semester). (As Needed)

## Safety Education (SAFT)

**202. General Safety Education.** Credit 3 hours. A comprehensive accident prevention program in school and public service. Consideration is given to the following areas: Safety as a social problem; the cause of accidents; the development of safety skills; teacher liability; and safety research. (As Needed)

**203. Motorcycle Rider Workshop.** Credit 3 hours, three week duration. For individuals interested in developing knowledge and skill in the proper methods of safe motorcycle riding. Students successfully completing the course will be recommended for the instructors certification course. Special attention is given to the motorcycle in the Highway Transportation System; Louisiana Laws; the State Department of Education and Cycle Safety; Teacher Liability and Insurance; Dealer-School Relations; the Cycle Loan Program; and Motorcycle Safety at the national level. (As Needed)

**211. Driver Education and Traffic Safety.** Credit 3 hours. Prerequisite: Valid driver's license and a driving record free of conviction of major accidents and/or repeated traffic violations. Organizational, administrative and philosophic problems and policies of a driver education and traffic safety program. Content and principles of teaching a high school course in driver education through the analysis of the driving task. (As Needed)

**311. Multi-Media Systems in Driver Education.** Credit 2 hours. Prerequisite: SAFT 211. An introduction to the unique adaptations of newer media systems to the broad problems in driver and traffic safety. The purpose of the course is to provide teachers and prospective teachers with practical

experiences in development of media materials, to understand the proper use of media equipment, and to provide experience in media programming. (As Needed)

**312. Simulation in Driver Education.** Credit 2 hours. Prerequisite: SAFT 211. Simulation is an audiovisual instructional method designed to complement and supplement other instructional techniques utilized in the driver education program. The basic purpose of the course is to introduce teachers and prospective teachers to driving simulation, proper use and maintenance of simulation equipment, and to provide experiences in driving simulation instruction. (As Needed)

**411. Methods in Driver and Traffic Safety Education.** Credit 3 hours. Prerequisites: SAFT 211, a valid driver's license, and a driving record free of conviction of major accidents and/or repeated traffic violations. An in-depth study of the aims, objectives, methods, curriculum materials, instructional devices and techniques of teaching the laboratory phase of driver education and traffic safety. Instruction in the use of all State Department of Education driver education forms. (As Needed)

**601. Motorcycle Instructor's Workshop.** Credit 3 hours. Three week duration. Prerequisite: Valid Louisiana Driver's License or equivalent and/or motorcycle endorsement. For teachers and individuals interested in developing an instructional program in motorcycle safety. Special attention given to the motorcycle in the highway transportation system; Louisiana Laws; the State Department of Education and Cycle Safety; teacher liability and insurance; dealer-school relations; the cycle loan program; motorcycle safety at the national level; and basic instructional techniques for two-wheel vehicles. (As Needed)

## Scientific Computation (SC)

**671. Computational Methods in Science.** Credit 3 hours. Prerequisite: PHYS 331 or MATH 350 or CHEM 395 or permission of the Dean. Computational methods for solving practical problems arising in science. Topics include numerical methods for solving equations, systems of equations, ordinary differential equations, partial differential equations, polynomial integration and least square approximation. Each numerical method will be learned by solving various examples of scientific problems using programming languages such as C or C++. (As Needed)

**672. Monte Carlo Simulations.** Credit 3 hours. Prerequisite: PHYS 321 or MATH 350 or CHEM 396 or permission of the Dean. Statistical simulation of the thermodynamic properties of atomic/molecular system using Monte Carlo methods. Topics include force fields, statistical ensembles, introductory and advanced techniques in solving simple scientific problems using programming languages such as C or C++. (As Needed)

**673. Computational Statistics.** Credit 3 hours. Prerequisites: MATH 201 and MATH 380. A survey of computational methods used to analyze data collected from real world settings. Computational methods such as Monte Carlo methods, estimation methods of probability density functions, methods for random number generation, methods for identification of data structure and bootstrap methods will be studied. An emphasis will be on the understanding of the critical role that computational techniques plays in statistical research and the application of statistical methods to real life situation. (As Needed)

**674. Scientific Visualization.** Credit 3 hours. Prerequisites: MATH 360 and CMPS 390, or permission of the Dean. This course covers a variety of topics in computer graphics using OpenGL with the focus on visualizing scientific and engineering data. Computer graphics emphasizing converting geometry to a display, visualization emphasizing converting data into geometry, and various data visualization techniques and methods will be introduced. (As Needed)

**675. Molecular Dynamics Simulations.** Credit 3 hours. Prerequisite: PHYS 331 or MATH 350 or CHEM 395 or permission of the Dean. Simulation of the dynamic and thermodynamic properties of atomic/molecular systems using molecular dynamics simulations. Topics include the intermolecular forces, statistical mechanics, introductory and advanced techniques of molecular dynamics simulations. A number of projects will be performed throughout the course applying the numerical techniques in solving simple scientific problems using programming languages such as C or C++. (As Needed)

**676. Finite Element Method.** Credit 3 hours. Prerequisite: MATH 201 or MATH 409, or permission of the instructor. This course introduces the numerical solution of linear problems using finite element methods (FEM). Topics include formation of stiffness matrix, assembly, constraints, solution techniques, and post-processing. How the principles of FEM can be applied to solve physical

problems such as stress analysis, heat transfer, acoustics, fluid dynamics, MEMS, and electrical-magnetic fields will be discussed as well. (As Needed)

**677. Ab Initio Quantum Chemistry.** Credit 3 hours. Prerequisite: PHYS 351 or CHEM 395 or permission of the Dean. A course on numerical methods for solving the electronic Schrodinger equation. Topics include self-consistent field methods for molecular orbitals, discretization of partial differential equations using Gaussian basis sets, semi-empirical molecular orbital methods, methods for going beyond self-consistent fields: density functional methods and many-body theory. Students will write programs to compute semi-empirical molecular orbitals. (As Needed)

**678. Computational Optimization.** Credit 3 hours. Prerequisites: MATH 312, MATH 350, and MATH 360. This is a course on continuous and discrete optimization. Several standard optimization problems along with their numerical and idea solutions will be discussed. Possible topics include unconstrained optimization using vector calculus, Lagrange multipliers, Kuhn-Tucker conditions, Conjugate Gradient Methods, Hilbert space methods in optimization, Linear Programming (simple and interior point methods), quadratic programming shortest path problems, minimal spanning trees, and stochastic optimization. (As Needed)

## Social Work (SW)

**101. Introduction to Social Work, Fields of Practice.** Credit 3 hours. A survey of the resource and delivery systems in which social work is practiced. Emphasis given to both public and private agencies and various methodologies. Social Work values, ethics, skills and knowledge base are examined. An overview of the history of social welfare is presented with an emphasis on fields of practice. Service gaps and biases are identified. (Summer, Fall, Spring)

**201. History and Philosophy of Social Welfare and Social Work.** Credit 3 hours. Prerequisite: SW 101 or permission of Department Head for non-majors. An historical survey of the history of social work and social organizations in the U. S. designed to meet social problems. Emphasis is given to Social Welfare laws and organizations as a reflection of culture and societal values. Attention is also given to the philosophical base of social work practice as reflected in the ethics and values of the profession. (Summer, Fall, Spring)

**202. Child Welfare Services.** Credit 3 hours. An assessment of society's means of meeting physical, social, psychological and legal needs of children, including protective, court, health, placement, recreational and financial services. (Summer, Fall, Spring)

**203. Human Behavior in the Social Environment I.** Credit 3 hours. Prerequisites: SW 101, SOC 101, PSYC 101 and registration in or prior credit for GBIO 106, or permission of the Department Head for non-majors. A study of the interaction of biological, psychological, and sociological factors in the formation of personality and the functioning of persons in the environment. Specific theories and tools of assessment of individuals are discussed. (Fall, Spring)

**204. Human Behavior in the Social Environment II.** Credit 3 hours. Prerequisites: Registration in or prior credit for SW 203, SOC 212, and GBIO 107 or permission of Department Head for non-majors. A study of the social system model as a basic way to think about behavior in the social environment. This model will be applied to society, communities, organizations, groups and families. Culture as a determinant of behavior will be examined. Additional factors such as rurality, poverty, membership in special populations, and gender differences will be addressed. Specific theories in relation to society are discussed. (Fall, Spring)

**205. Understanding Human Diversity and Populations at Risk.** Credit 3 hours. The primary purpose of this course is to prepare students to work with populations they will encounter in their professional careers. The populations social workers must be trained to work with represent the broadest spectrum of humanity – in ethnicity, culture, race, religion, worldview, gender, sexual orientation, ability, and in life experiences. Attention is given to empowerment strategies as well as development of cultural competence. The course is designed to encourage both knowledge building and self-exploration-skills that are essential in developing good social work practice. (Fall, Spring)

**303. Crisis Intervention.** Credit 3 hours. Prerequisite: Sophomore standing or permission of the Department Head. This course examines the practical and theoretical aspects of crisis intervention including relevant applications to how crisis may impact at-risk/special populations within communities in the United States and around the world. Explores effective multi-level responses for human service intervention through learning activities. (Summer, Fall, Spring)

**304. Generalist Social Work Practice: Micro-Practice Skills.** Credit 3 hours. Prerequisites: SW 101, 201, 202, 203, 204, 205, with a minimum grade of "C" and admission into professional standing.

The primary purpose of this course is to prepare students for generalist social work practice with individuals and families. The course focuses on the problem solving model, case management, and communication skills. The course will identify practice skills that emphasize strengths, advocacy, empowerment, and change. Attention is given to populations-at-risk. (Fall, Spring)

**305. Generalist Social Work Practice: Mezzo Practice Skills.** Credit 3 hours. Prerequisites: SW 304 and admission into professional standing. The primary purpose of this course is to prepare students for generalist social work practice with diverse populations utilizing mezzo skills. It provides specific skills for working with families and groups. Particular attention is given to working in rural settings, to populations-at-risk and to economic and social justice issues. The course will identify practice skills that emphasize strengths, empowerment, advocacy and change. (Fall, Spring)

**306. Child Welfare – In Home Services.** Credit 3 hours. Prerequisites: SW 202 and junior standing. This child welfare course looks at the generalist intervention model as it applies to in-home services to families and children. Family assessment theory/skills are reviewed. Families at risk and the effects of abuse and neglect on child development are discussed. The generalist approach to child protection and case planning skills are considered. The course concludes with a look at the separation of children from abusive/neglectful families and the placement process. (Fall)

**307. Child Welfare – Substitute Services.** Credit 3 hours. Prerequisites: SW 202 and junior standing. This course describes the generalist intervention model as it applies to the care of abused/neglected children from their placement into foster care to permanency planning and concludes with a look at family re-unification. Recruitment of foster family parents and adoptive parents is explored, as well as services to children, foster parents, and adoptive parents. (Spring)

**308. Generalist Social Work Practice: Case Management Skills:** Credit 3 hours. Prerequisites: SW 201, 203, 204, 205, and Professional Standing, or permission of Department Head. Preparation for generalist social work practice in case management settings with vulnerable populations, (developmental disabilities, health and mental health, addictions, child welfare, geriatrics, criminal justice, HIV/AIDS, the homeless, and veterans). Skills in brokering, advocacy, coordination, client empowerment and recordkeeping will be stressed through experiential learning activities. (Fall, Spring)

**360. Social Work Research Methods and Designs.** Credit 3 hours. Prerequisites: SW 201, 204, and registration in or prior credit for MATH 241 or permission of the Department Head. The principles and foundations of designing and conducting issues in social work research are examined. Emphasized are ethical issues in social work research and the relevance of evaluation skills. (Fall, Spring)

**361. Methods of Analysis and Dissemination.** Credit 3 hours. Prerequisites: SW 360 and MATH 241 or permission of the Department Head. This course focuses on the examination of selected research instruments used in data analysis important to the practice of social work. Analytical techniques used in the statistical analysis of quantitative data and the utilization of computers for information management and data analysis are emphasized. (Fall, Spring)

**400/500. Independent Study.** Credit 1-3 hours. Prerequisites: Permission of the Department Head and Junior standing. An in-depth study of topics appropriate to generalist social work practice culminating in a research report. Student works with an instructor on a one-to-one basis. May be repeated in one to three hour credits for no more than 6 hours credit. New materials are investigated in each repeat. (Summer, Fall, Spring)

**402. Social Welfare Policy, A Framework for Analysis.** Credit 3 hours. Prerequisites: SW 101, 201, 203, 204, and admission into professional standing or permission of Department Head for non-majors. The course will focus on the issues and conflicts raised by policy makers in designing social welfare policies and programs. A conceptual framework for social welfare policy analysis is explored. Techniques for advocacy, empowerment, and transformation are demonstrated. (Fall, Spring)

**406. Generalist Social Work Practice: Macro Practice Skills.** Credit 3 hours. Prerequisites: Admission into professional standing and successful completion of SW 304. The primary purpose of this course is to prepare students for generalist social work practice with communities, organizations, and large groups. Special attention is paid to populations at risk and to economic and social justice issues, as well as to issues pertaining to working within bureaucracies. Techniques for program implementation and evaluation are demonstrated. Methods for community assessment, organization, and empowerment are examined. (Fall, Spring)

**422/522. Social Aspects of Aging.** Credit 3 hours. Prerequisite: Junior or Senior standing. A study of the interactions of the aging individual with the institutions of society. Society's attitudes,

values and provisions relating to the aged will be brought into focus with a view of providing social services. (As Needed)

**495. Special Topics.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. An in-depth study of selected topics in social work. May be repeated (when topic varies), for a total of six hours credit. (Summer)

**497. Integrative Field Seminar.** Credit 3 hours. Prerequisites: Completion of all required courses and permission of the field director. Students must be concurrently enrolled in SW 498. This course serves as an integrative seminar in conjunction with the field practicum experience. This is a capstone course: therefore, the material covered addresses all social work foundation areas from the perspective of a generalist social work practitioner. Emphasis on values and ethics, diversity, and research are addressed all throughout the course. Students are guided through course work and assignments to implement the generalist model with their various client systems in rural practicum settings. (Fall, Spring)

**498. Internship.** Credit 9 hours. Prerequisites: Completion of all required courses and permission of the field instructor. This course consists of a minimum of 430 hours of field experience in a social agency under the direct supervision of a qualified social worker. This course must be taken concurrently with SW 497. (Fall, Spring)

## Sociology (SOC)

**101. Introductory Sociology.** [LCCN: CSOC 2013, Introduction to Sociology]. Credit 3 hours. A study of culture, social organization, and social relations. (Summer, Fall, Spring)

**203. Reading and Writing for Sociology.** Credit 3 hours. Prerequisite: SOC 101 or permission of Department Head. This course is designed to provide sophomore-level Sociology Majors with the deep-reading, library research, and academic writing skills they will need to succeed in higher-level sociology courses and in their chosen career fields, with an emphasis on developing the tools and techniques needed to navigate the forms of research and writing that are specific to the field of sociology. (Spring)

**212. Social Problems.** [LCCN: CSOC 2113, Social Problems]. Credit 3 hours. Prerequisite: SOC 101. An examination of the major social problems in society with an emphasis on how these problems are interrelated and the role of society in their creation and perpetuation. (Summer, Fall, Spring)

**215. Sociology of Sexuality.** Credit 3 hours. This course examines human sexuality from a sociological point of view. It focuses on the social foundation of sexual behavior, as well as the socio-biological aspects of human sexuality that promote physical and emotional health, and interpersonal relations. (As Needed)

**222. Marriage and Family Life.** [LCCN: CSOC 2213, Marriage and Family]. Credit 3 hours. Prerequisite: None. A functional study of courtship, mate selection, preparation for marriage, marriage adjustment, discord, and parenthood. Credit cannot be given for both SW 321 and SOC 321. (Summer, Fall, Spring)

**242. Stratification and Inequality.** Credit 3 hours. Prerequisite: SOC 101 or permission of Department Head. This course focuses on the systematic social inequality in assessing opportunities, resources, rewards, as well as the uneven distribution of power and authority across the social categories in the United States. We will address how stratification has developed to its present state in the U.S. and question why members of certain groups advance while others do not. (Fall)

**300. Medical Sociology.** Credit 3 hours. Prerequisite: SOC 101 or consent of the Department Head. This course examines the health care system and experience of health and illness in American society from a sociological perspective. (Summer, Fall, Spring)

**305. Data Analysis and Statistics for the Social Sciences.** Credit 3 hours. Prerequisites: SOC 101 and Junior Standing or permission of Department Head. Elementary descriptive and inferential statistics as applied to social science problems, with computer applications. (Summer, Fall, Spring)

**310. Methods of Social Research.** Credit 3 hours. Prerequisites: SOC 101 and Junior Standing or permission of Department Head. Philosophy, methods, and techniques, including research design; methods of observation and other sources of social data, analysis, inference and research report writing. (Summer, Fall, Spring)

**331. Sociology of Religion.** Credit 3 hours. Prerequisite: Junior standing. The complex relationship between religion, culture, and society is explored in a comparative perspective, Religion

is examined as a social fact which shapes, and is shaped by, modernism, nationalism, globalization and other historical forces. (As Needed)

**336. Deviance and Social Control.** Credit 3 hours. Prerequisites: SOC 101 and Sophomore standing. This course introduces student to non-normative behavior and its social construction. Theories of deviance and institutional responses to deviant behavior are also addressed. May not be used for credit with CJ 336. (Fall, Spring)

**337. The Sociology of Civic Participation.** Credit 3 hours. Prerequisites: SOC 101, Sophomore standing, adjusted GPA of 3.0, and permission of Department Head. Application of sociological theories and concepts through volunteering in a nonprofit organization. Students volunteer in a nonprofit or governmental organization and complete writing and reflection assignments to demonstrate their learning. Students volunteer 90 hours, prepare papers related to sociology and the civic participations experience, and keep a reflective journal. (As Needed)

**352. Comparative Family Patterns.** Credit 3 hours. Prerequisite: Sophomore standing. Also taught as ANTH 352. A comparison of selected family patterns in various cultures. Attention given to role performance in each society and comparison of norms, values and attitudes related specifically to the family. Credit is not to be given for both ANTH 352 and SOC 352. (As Needed)

**354. Sociology of Gender.** Credit 3 hours. Prerequisite: SOC 101 or consent of Department Head. The course is designed to be an introductory exploration of gender and its relation to culture and social institutions. Gender will be examined as a social construct that has emerged historically and is maintained institutionally. Emphasis will be placed on conflict, contradictions and the potential of social transformation. (Fall)

**355. Social Movements and Social Action.** Credit 3 hours. Prerequisite: SOC 101. An introduction to how social movements arise from collective behavior and social action when people act together to promote or resist social change. (As Needed)

**360. Environmental Sociology.** Credit 3 hours. Prerequisites: SOC 101 and Sophomore standing. This course is an introductory exploration into relationships between the biophysical environment and major social, political and economic structures of society. (As Needed)

**365. Sociology of Disaster.** Credit 3 hours. This course focuses on the anthropogenic aspects of the causes and effects of both natural and technological disasters, with a focus on how social and cultural power relations create situations whereby some populations are more vulnerable to disasters than others. (As Needed)

**400/500. Independent Study.** Credit 1-3 hours. Prerequisites: Consent of the Department Head and Junior standing. Student works with an instructor on a one-to-one basis and prepares a research report on an appropriate topic. May be repeated in one to three hour credits for a total of 6 hours. New materials are investigated in each repeat. (As Needed)

**401/501. Population.** Credit 3 hours. Prerequisite: Junior standing. This course examines the global impacts of population growth and distribution on resources and the environment, and how government policies in the areas of migration, health, education, and employment affect, and are affected by, changes in the size and composition of population. (Spring)

**405/505. Indigenous Peoples of the Americas.** Credit 3 hours. Prerequisite: Junior standing or consent of the Department Head. Also offered as ANTH 405/505. Examination of the origin, distribution, ecology, culture and social systems of indigenous populations of the New World. May not be used for credit with ANTH 405/505. (Fall)

**411/511. Race and Ethnic Relations.** Credit 3 hours. Prerequisites: SOC 101 or ANTH 101 and Junior standing. Also taught as ANTH 411. Designed to give an insight into the attitudes of groups, particularly racial groups where interrelations are marked by antagonism, discrimination, and conflict. Influence on community welfare considered. Credit is not to be given for both ANTH 411 and SOC 411/511. (Summer, Fall, Spring)

**412/512. Criminology.** Credit 3 hours. Prerequisite: Junior standing. Also offered as CJ 412/512. A study of the incidence, nature, factors influencing, and social treatment of crime. May not be used for credit with CJ 412/512. (Summer, Fall, Spring)

**430/530. The Development of Social Theory.** Credit 3 hours. Prerequisites: SOC 101 and Junior standing. An introduction to the field of social theory and the relation of social thought to the history of sociology. (Summer, Fall, Spring)

**440/540. Juvenile Delinquency.** Credit 3 hours. Prerequisite: Junior standing. Also offered as CJ 440/540. A scientific study of the nature, extent and causes of delinquency. Methods of prevention, treatment, and correction will be analyzed. Designed especially for teachers, social workers, police, and correctional workers. May not be used for credit with CJ 440/540. (Summer, Fall, Spring)

**455/555. Urban Sociology.** Credit 3 hours. Prerequisite: Junior standing or consent of Department Head. A study of urbanization and challenges and opportunities associated with urban living in the United States and abroad. The focus is on the history and development of cities, housing, crime, transportation, employment, residential segregation, and urban policy from a sociological perspective. (As Needed)

**460/560. Food, Sustainability and Society.** Credit 3 hours. Prerequisite: SOC 101. This course is an in-depth exploration into relationships between our environment, food systems and major social, political, and economic structures of society. In studying the ways food is produced and consumed, we will also discover the ways food shapes and expresses relationships among people. This course will also address issues of culture, meaning, identity, power, and ecology, all through a focus on food. (As Needed)

**465/565. Social Change and Globalization:** Credit 3 hours. An examination of the nature, development, and dimensions of globalization. Globalization is conceptualized as a long-term emergent phenomenon. Major theories of social change and development are introduced. Cultural, economic, technological, environmental, military, political, and other aspects of globalization are considered. Anti-systemic social movements resisting globalization are analyzed. (As Needed)

**470/570. Vulnerable Populations and Disasters.** Credit 3 hours. Prerequisite: SOC 101. This course is designed to critically examine the relationship between social inequality and disaster vulnerability. Special emphasis will be placed on social theories of disaster vulnerability, research examining experiences of socially marginalized populations during disasters, and strategies for reducing disaster vulnerability among marginalized populations. (As Needed)

**495/595. Special Topics Seminar.** Credit 3 hours. Prerequisite: SOC 101, Junior standing or consent of the Department Head. An in-depth study of selected topics in sociology that are not covered in existing courses. May be repeated for a total of six hours credit. (As Needed)

**601. Complex Organizations.** Credit 3 hours. Structure and process in organizations, with applications designed to help students function effectively in various positions within organizations. (Fall)

**602. Social Stratification and Structured Inequality.** Credit 3 hours. Examines systems of stratification and the forms, causes, and consequences of structured inequality in the United States and globally. The distribution of economic, political, and social resources in society; the processes of class formation; status differentials based on race, gender and other dimensions analyzed. Strategies for addressing these inequalities are explored. (Spring)

**603. Applied Social Theory.** Credit 3 hours. Development of sociological theories of human behavior and interaction. Special emphasis will be placed on how theoretical concepts are applied to further an understanding of how humans interact with and shape the daily operation of social institutional settings. (Fall)

**604. Applied Research Design and Methodology.** Credit 3 hours. Examines the production, distribution and consumption of applied social science research. Focus on quantitative and qualitative methods of conducting social science research and applying these methods to questions addressed by public and private agencies. Topics include review of the scientific method, ethical issues in research, the principles of measurement, a survey of research designs most frequently used in applied social science research, and the writing of research proposals. (Fall)

**605. Advanced Statistics for Applied Sociology.** Credit 3 hours. Prerequisite: Department Head consent required. Descriptive and inferential statistics as they are applied to various practical problems. Focuses on concepts and tools of statistics as they are used in the analysis of social science data, rather than on the mathematical and computational aspects. (Spring)

**606. Evaluation and Assessment.** Credit 3 hours. This course prepares students for the design and execution of agency evaluation and assessment, including needs assessment, program evaluation, and formative and summative evaluations of service delivery. (Summer)

**607. Social Policy.** Credit 3 hours. Study of how economic, political, and social factors affect social policy formation and change. Specific applications selected each semester from these and other areas: health, employment, poverty, aging, crime, and justice. Comparative and international analyses will be included. (As Needed)

**620. Applied Criminological Theory.** Credit 3 hours. This course provides a multi-disciplinary study of the causes of crime and criminal behavior, including biogenic, psychogenic, and sociogenic explanations. (As Needed)

**625. Population Policy.** Credit 3 hours. This course examines various ways that governments attempt to control the growth, composition, and distribution of their populations and how such policies



affect and are affected by public and private agencies with emphasis on the United States. (As Needed)

**630. Race, Gender, Class and the Criminal Justice System.** Credit 3 hours. This course is designed to focus on developing the conceptual and analytical tools necessary to understand how race, gender and class shape human behavior. Special emphasis will be placed on how humans interact with and shape the operation of social and institutional settings based on their perceptions of race, gender and social class. (As Needed)

**635. Applied Mapping in the Social Sciences.** Credit 3 hours. Students are exposed to Geographical Information Systems (GIS) techniques as a mechanism for studying crime from a spatial perspective. Specific emphasis will be placed on using GIS to test theoretical perspectives in sociology. (As Needed)

**645. Dimensions of Homicide.** Credit 3 hours. This course explores the different dimensions of homicide circumscribed by the legal definition of homicide as the act of one human being killed by another. The focus is on the broad spectrum of homicide ranging from killing in wartime, justifiable homicides by police and civilians, and legal executions. While criminal homicides involving interpersonal conflicts and concomitant felonies will be examined, less familiar forms of criminal homicide such as neonaticides, serial and gang murders will also be explored. (As Needed)

**650. Applied Study Abroad.** Credit 3 hours. This course provides graduate students a study and research plan designed to maximize benefits from the department's study abroad programs. The course emphasizes the necessity of international experience as an element in higher education today. Course materials focus on culture and diversity, cross-cultural relations, various aspects of globalization, and history and society of the destination country and region. Students will conduct background research in the U.S. and explore the topic in depth in-country, visiting local experts, touring facilities, and conducting research on the daily operation of social institutions. (As Needed)

**655. Applied Environmental Sociology.** Credit 3 hours. Relationship between the study of the biophysical environment and major social, cultural, political, and economic structures of society. Practical applications to local or regional environmental problems. (As Needed)

**660. Participatory Research and Popular Education.** Credit 3 hours. This course is designed to allow students to understand the development, implementation and evaluation of participatory models of education and research. Special emphasis will be placed on how scholars and members of agencies and community groups can work together to explore, understand and shape the daily operation of social and institutional processes, which set the parameters on their lives. (As Needed)

**665. Globalization and Social Transformation.** Credit 3 hours. This course focuses on large-scale social transformation and processes of globalization. Important theories of social transformation and development are introduced and applied to cultural, political, economic, organizational, and interpersonal dimensions of globalization. Important debates on globalization and its historical unfolding are reviewed. Anti-systemic social movements of resistance against globalization are examined as well as considerations of how globalization will impact the work of social agencies, organizations, and institutions in the coming decades. (As Needed)

**690. Independent Study in Applied Sociology.** Credit 3 hours. An intensive program of research on a topic approved in advance by the instructor. May be repeated if content is different, but no more than six hours may be applied toward the M.S. in Applied Sociology degree. (As Needed)

**698. Special Topics in Applied Sociology.** Credit 3 hours. Selected topics in areas not available in existing courses. May be new or unique issues or contemporary topics relevant to applied sociology. May be repeated for credit when different topics are studied. (As Needed)

**760. Field Internship Research.** Credit 1-6 hours each semester, with six hours needed for graduation. The student must enroll in the field internship research course each semester the research is in progress. This course allows students to be placed in an internship setting to complete 200-on site hours and to write and defend a research/policy oriented paper based on the internship experience. The internship is designed in collaboration with the student, graduate coordinator, field internship coordinator, and the mentor in the student's area of concentration. The field internship course is graded Pass/Fail. (As Needed)

**770. Thesis Research and Thesis.** Credit 1-6 hours each semester, with six hours needed for graduation. The student must enroll in the thesis course each semester the thesis is in progress. The thesis is graded Pass-Fail. (As Needed)

## Southeastern (SE)

**101. Freshman Academic Success at Southeastern.** Credit 2 hours. Prerequisite: Freshman standing. A student success course providing the tools that address the rigors of academic life on the University level. Topics include the purpose and value of higher education; the expectations and responsibilities of a college student; the development of analytical and metacognitive learning strategies; choosing the appropriate major and developing degree/career goals; and personal management during the college years. This course is required of all freshman. (Summer, Fall, Spring)

**102. Freshman Academic Coaching Seminar.** Credit 1 hour. Prerequisite: Permission of the Director of the Center for Student Excellence. This course provides student-focused academic coaching by engaging and encouraging freshman students on probation to identify the personal and academic strategies necessary to succeed as college students. Students will be provided with semester-long support in areas such as time management, test preparation, note taking, and learning strategies. Students will examine personal and academic concerns, perceived barriers to success, strengths and needs, and devise a personalized plan of action for succeeding academically to earn a Southeastern degree. (Spring)

## Spanish (SPAN)

**101. Elementary Spanish I.** [LCCN: CSPN 1013, Elementary Spanish I]. Credit 3 hours. The beginning course for students with no knowledge of Spanish. All appropriate elements of basic language learning are utilized for the purpose of providing a foundation in the language and culture of the countries where Spanish is spoken. Classwork supplemented by aural-oral drill in the language laboratory. Offered as the first of four sequential courses (101, 102, 201, 202) designed to provide an overall desired proficiency. A laboratory fee is required for this course. (Summer, Fall, Spring)

**102. Elementary Spanish II.** [LCCN: CSPN 1023, Elementary Spanish II]. Credit 3 hours. Prerequisite: SPAN 101 or equivalent. Continuation of SPAN 101. A laboratory fee is required for this course. (Summer, Fall, Spring)

**201. Intermediate Spanish I.** [LCCN: CSPN 2013, Intermediate Spanish I]. Credit 3 hours. Prerequisites: SPAN 101, 102 or equivalent. Completion and review of basic elements of grammar. Introduction to reading material of moderate difficulty. A laboratory fee is required for this course. (Summer, Fall, Spring)

**202. Intermediate Spanish II** [LCCN: CSPN 2023, Intermediate Spanish II]. Credit 3 hours. Prerequisites: SPAN 101, 102, 201 or equivalent. A course with emphasis on proficiency in reading and continuation of grammar review. A laboratory fee is required for this course. (Summer, Fall, Spring)

**310. Advanced Spanish Conversation.** Credit 3 hours. Prerequisite: SPAN 202 or equivalent. A required course for Spanish majors. An intensive exploration of the process of conversation. Examines vocabulary development, pronunciation, fluency, and other related issues. Course may be repeated once as credit as an elective. A laboratory fee is required for this course. (As Needed)

**311. Advanced Spanish Grammar.** Credit 3 hours. Prerequisite: SPAN 202 or equivalent. Intensive study of grammar and syntax. Recommended for students who wish to improve their language skills. A laboratory fee is required for this course. (As Needed)

**312. Advanced Spanish Composition and Syntax.** Credit 3 hours. Prerequisites: SPAN 101, 102, 201, 202 or equivalent. Descriptive and narrative compositions in Spanish with emphasis on syntax and verb forms. Effective writing of letters and short reports will be stressed to develop business skills. Recommended for students who wish to improve their language skills. A laboratory fee is required for this course. (As Needed)

**314. Hispanic Civilization.** Credit 3 hours. Prerequisite: SPAN 202 or permission of the Department Head. Geography, history, literature, art, music, educational system, economy, etc. of Spain and Latin America. Recommended for students interested in Hispanic culture. This course cannot be used to fulfill the foreign language requirement. A laboratory fee is required for this course. (As Needed)

**319. Advanced Spanish Phonetics.** Credit 3 hours. Prerequisite: SPAN 202 or equivalent. A required course for Spanish majors. An introduction to the phonetic system of the Spanish language with practice in the language laboratory. Recommended for students with a minor in Spanish and for

others who wish to perfect their oral language skills. A laboratory fee is required for this course. (As Needed)

**320. Introduction to Literature in Spanish.** Credit 3 hours. Prerequisite: SPAN 202. A required course for Spanish majors. An introduction to the interpretation of literary texts written in Spanish. Includes a discussion of genres, artistic periods, literary styles and concepts of literary theory. A laboratory fee is required for this course. (As Needed)

**324. Latin American Culture and Civilization.** Credit 3 hours. Prerequisite: SPAN 202 or permission of the Department Head. A course recommended for Spanish majors or minors. A survey course of the geography, history, literature, art, music, and general aspects of culture in the various countries of Latin America, reflecting the early contributions of the indigenous peoples and their interaction with the Hispanic culture since the Spanish arrived. A laboratory fee is required for this course. (As Needed)

**325. Literature of Spain.** Credit 3 hours. Prerequisite: SPAN 320. A required course for Spanish majors. A survey of Spanish literature from the early "jarchas" through the twentieth century. Develops reading and analytical skills in Spanish and explores different theoretical approaches to the texts. A laboratory fee is required for this course. (As Needed)

**326. Latin American Literature.** Credit 3 hours. Prerequisite: SPAN 320. A required course for Spanish majors. A survey of Latin American literature from the pre-Hispanic era through the twentieth century. Develops reading and analytical skills in Spanish and explores different theoretical approaches to texts. A laboratory fee is required for this course. (As Needed)

**329. Spanish for Business and International Trade.** Credit 3 hours. Prerequisite: SPAN 202 or equivalent. The course seeks to develop students' ability to use Spanish and to conduct business. As such it is a course in language for special purposes. Within the context of an intensive grammar review and the development of greater cross-cultural awareness, it will develop the following language skills: speaking, listening comprehension, reading, writing, translation/interpretation. A laboratory fee is required for this course. (As Needed)

**330. Spanish for Translation.** Credit 3 hours. Prerequisite: SPAN 202 or equivalent. The course's aim is to develop useful translation skills. Dialogue examples and a full range of exercise work enable students to acquire the skills necessary for a broad range of translation. A laboratory fee is required for this course. (As Needed)

**334. Spanish for Radio Broadcasting.** Credit 3 hours. Prerequisites: SPAN 202 and COMM 151, or permission of the Department Head. Within the context of an intensive grammar and culture review, this course will provide students with the basics of Spanish-language radio broadcasting, including practical work in several program formats. This course in language for special purposes is recommended to both Spanish and Communication students interested in a career in the increasingly important field of Spanish-speaking media. (As Needed)

**370. Studies in Hispanic Cinema.** Credit 3. hours. The Cinema of Spain and Latin America. Topics may include cinematic representation of dictatorships in Latin America; Hispanic women; Spanish literature in film; a comparative analysis of literary works and cinematic adaptations; cinema as a reflection of changes in Spanish and Latin American Society; Spanish and Latin America history in films and documentaries; and a study of the work of specific directors. Taught in English. May be repeated once as topics vary. A laboratory fee is required for this course. (As Needed)

**423/523. Special Topics in Hispanic Studies.** Credit 3 hours. Prerequisite: SPAN 320. A required course for Spanish majors. A special topics course that offers a detailed analysis of a particular genre, movement, author, or topic. May be repeated for credit as topics vary. A laboratory fee is required for this course. (As Needed)

**498. Senior Capstone Project in Spanish.** Credit 1 hour. Prerequisites: A completed graduation application and 100 or more credit hours earned, or permission of Department Head. Students will create a professional portfolio detailing their most significant class work and their progress toward linguistic, literary, and cultural competence. Portfolios must be successfully presented to a faculty panel in order to obtain credit. The course is graded P/F. A laboratory fee is required for this course. (Fall, Spring)

## Special Education (SPED)

**200. Characteristics of Individuals with Exceptionalities.** Credit 3 hours. An introduction to each exceptionality with a survey of characteristics and a review of current trends for meeting the educational needs of individuals with exceptionalities. (Summer, Fall, Spring)

**210. Characteristics of Individuals with Exceptionalities.** Credit 2 hours. Prerequisite: Sophomore standing (30 hours). An introduction to each exceptionality with a survey of characteristics and a review of current trends for meeting the educational needs of individuals with exceptionalities. One and a half hour of lecture and one hour laboratory per week. (Summer, Fall, Spring)

**213. Technology for Inclusion.** Credit 1 hour. Prerequisite: EDUC 202. An intensive examination of technology for including all students in the classroom environment. The course is designed to focus on: (a) technology for inclusion, (b) classification, (c) legislative basis, (d) devices and service delivery, (e) benefits, (f) terminology across environments, and (g) impact on learning. The purpose of this course is to develop a knowledge-base of technology to enhance inclusion in the classroom. Field experience required. (Summer, Fall, Spring)

**260. Introduction to the Development of Children with Mild/Moderate Impairments.** Credit 3 hours. Prerequisite: SPED 200 or permission of the Department Head. An overview of the developmental processes of individuals with the mild/moderate impairments. Emphasis is given to the social, psychological, physiological and cognitive problems associated with mild/moderate impairments. Implications for educational intervention stressed. (As Needed)

**361. Methods and Materials for Teaching Students with Mild/Moderate Disabilities.** Credit 3 hours. Prerequisites: SPED 363; EDUC 304 or 308 depending on area of certification (may be taken concurrently), Full SARTE status. This course deals with methods of teaching academic subjects to students with mild/moderate disabilities. It provides practice in selecting goals and objectives, task analysis, preparing developmentally and academically sequenced materials, and evaluating intended learning outcomes. Course will also include techniques for teaching learning strategies and promoting transitions. Two hours lecture and two hours of laboratory per week. (As Needed)

**363. Classroom Organization and Management for the Student with Mild/Moderate Disabilities.** Credit 3 hours. Prerequisite: SPED 210. This course deals with techniques and strategies for creating classroom environments that support student learning, including: designing, an appropriate physical setting, developing standards for behavior, and building an atmosphere of caring and respect. Humanistic and behavioral approaches to classroom management are investigated. Additionally, the course focuses on maximizing individual differences, management of time and space, use of centers, scheduling, and working with parents, general educators, and paraeducators. Two hours lecture and two hours of laboratory per week. Must be taken concurrently with SPED 440. (As Needed)

**365. Behavior Management Strategies for the Student with Mild/Moderate Disabilities.** Credit 3 hours. Prerequisites: SPED 200 and Full SARTE status. This course provides study and application of a continuum of classroom approaches for effective behavior management. Course will include a review of both humanistic and behavioral techniques that promote responsible classroom management. Candidates in this course will be able to develop and use management plans that meet the emotional and behavioral needs of students with mild/moderate disabilities. Field experience required. (Spring)

**366. Methods for Teaching Individuals with Mild/Moderate Disabilities in Language Arts and Content Areas.** Credit 3 hours. Prerequisites: Full SARTE status and SPED 200. Must be taken concurrently with SPED 367. This course teaches the methods of teaching language arts and content subjects to students with mild/moderate disabilities. It provides practice in selecting goals and objectives for lesson planning, task analysis, preparing developmentally appropriate and academically sequenced materials and evaluating intended learning outcomes. The course will also include techniques for teaching differentiated learning strategies and promoting instructional transitions. This course will emphasize the development and use of positive behavior interventions and supports. Candidates will develop and select instructional content, resources, and strategies that respond to cultural, linguistic, ability, and gender differences. The form of the course includes lecture, small group activities, independent work, and field-based experiences each week. (Fall)

**367. Methods for Teaching Individuals with Mild/Moderate Disabilities in Mathematics and Content Areas.** Credit 3 hours. Prerequisites: Full SARTE status and SPED 200. Must be taken concurrently with SPED 366. This course teaches the methods of teaching mathematics and content subjects to students with mild/moderate disabilities. It provides practice in selecting goals and objectives for lesson planning, task analysis, preparing developmentally appropriate and academically sequenced materials and evaluating intended learning outcomes. The course will also include techniques for teaching differentiated learning strategies and promoting instructional transitions. This course will emphasize the development and use of positive behavior interventions

and supports. Candidates will develop and select instructional content, resources, and strategies that respond to cultural, linguistic, ability, and gender differences. The form of the course includes lecture, small group activities, independent work, and field-based experiences each week. (Fall)

**440. Principles of Assessment and Evaluation of Individuals with Exceptionalities.** Credit 3 hours. Prerequisite: SPED 363; EDUC 304 or EDUC 308 depending on area of certification (may be taken concurrently). Full SARTE status. Course designed to provide students with the basic statistical concepts needed to interpret results of psychological and educational test results. Study is given to those special procedures used to evaluate and diagnose educational problems in exceptional students with particular emphasis on criterion-referenced and developmentally based tests. Practice in design of instruments to evaluate motor, cognitive, language and social/emotional development as well as academic achievement will be included. Two hours lecture and two hours laboratory per week. Must be taken concurrently with SPED 361. (As Needed)

**441. Practice in Assessment and Evaluation of Individuals with Exceptionalities.** Credit 3 hours. Prerequisites: SPED 365, 366, 367, and 442. Must be taken concurrently with SPED 465. Supervised practice in administering and interpreting standardized and informal tests. Focus on use of developmentally based evaluation procedures as well as measurement and evaluation in the modern school program. Emphasis is placed on the diagnosis of the learners' needs in reading, written expression, and math and prescription of appropriate activities for advancement. Knowledge of and skills for teaching and assessing reading are featured. (Summer)

**442. Developing Family and Professional Partnerships Through Collaboration.** Credit 3 hours. Prerequisites: Full SARTE status and SPED 200. This course provides an overview of the collaborative issues between families and professionals. Family systems and family life cycle theory and issues surrounding families who have children with disabilities are reviewed. Development of communication skills between candidates and families of individuals with disabilities are highlighted. Candidates develop strategies to become effective collaborators with parents/families who have children with disabilities. Special Education majors only. Field experience / service-learning / professional development is required. (Spring)

**457/557. Alternative/Augmentative Communication Strategies for Individuals with Severe/Profound Impairments.** Credit 3 hours. Course includes alternative communication modes such as communication boards, sign language, electronic aids, body/gestural systems, and graphic communication aids. Credit cannot be given for both CSD 451/551 or SPED 457/557. (As Needed)

**458/558. Computer Applications for Individuals with Special Needs.** Credit 3 hours. Prerequisites: SPED 200 or 600, EDUC 201 or permission of Department Head. A course designed to provide an overview of microcomputers and other technology with an emphasis on applications for special populations. Topics include basic computer operations/adaptations, learning theories related to educational/clinical uses of technology, computer-managed instruction, and computer-assisted instruction. Awareness of technology-related ethical issues and knowledge of resources useful to computer users will be components of the course. Credit cannot be given for both CSD 552 or SPED 458/558. (As Needed)

**465/565. Field Practice in Inclusive Settings.** Credit 3 hours. Prerequisites: SPED 365, 366, 367, and 442. Must be taken concurrently with SPED 441, or permission of Department Head. Field practice in teaching students with disabilities in an inclusive, integrated setting. Experience in cooperative planning, implementation, assessment, coordination, and teaching within the inclusive classroom setting. (Summer)

**481/581. The Exceptional Family.** Credit 3 hours. Prerequisite: SPED 200 or 600 or permission of the Department Head. To enhance the student's knowledge and empathic understanding of family dynamics in American Society. Special emphasis given to families with atypical children whose presence demands frequent adaptive maneuvers and long-term adjustments. Study of counseling methods applied to the exceptional child and family will constitute a major portion of the course. Appropriate for teachers, counselors, nurses, social workers and others serving the exceptional family. (As Needed)

**490. Special Topics Seminar in Special Education.** Credit 1-4 hours. Prerequisite: SPED 200 and permission of Department Head. An intensive examination of issues relevant to the field of special education. The course will focus on contributions of research, philosophy, and current best practices as they apply to the education of students with special needs. Course may be repeated for credit as topics vary for a maximum of 12 credit hours. (Fall, Spring)

**495/595. The Inclusion of Students with Disabilities in the Regular Classroom.** Credit 3 hours. Prerequisites: SPED 200 or 210, Full SARTE status and Introductory Portfolio. This course

provides special and general education candidates with the knowledge, skills, and dispositions necessary to educate students with diverse needs in inclusive classrooms. Content includes characteristics of diverse learners; special education policies, procedures, and forms; interventions; accommodation, modification, and differentiation strategies; assistive technology; collaboration and co-teaching models; group management; assessment techniques; and reflective practice. Must be taken concurrently with EDUC 415, EDUC 484, or ECE 422 depending on area of certification. Field experience is required. Education majors only. (Fall, Spring)

**600. Introduction to the Education of Individuals with Exceptionalities.** Credit 3 hours. A course for educators, students in behavioral sciences and students beginning graduate study in education. Study of relevant research dealing with the physical, mental, emotional, and social traits of individuals with exceptionalities. Current issues in the development of educational programs for individuals with special needs will be addressed. (Summer, Fall, Spring)

**601. Organization and Administration of Classes for Individuals with Exceptionalities.** Credit 3 hours. Prerequisite: SPED 200 or 600. A study of the principles of administration as they pertain to special education. Emphasis will be on class structure, supervision, relationship to the total educational program, and financial structure of classes for Individuals with Exceptionalities. (As Needed)

**602. Seminar in Special Education.** Credit 3 hours. Prerequisites: SPED 200 or 210 or 600 and EDF 600 or department consent. Additionally, students pursuing a Master of Education, Special Education must have a completed all degree course work before taking SPED 602. An intensive examination of the issues relative to the special education program. This course will be interdisciplinary in nature and will focus upon contributions of research, philosophy, history, and recent trends in special education as they apply to the resolution of major issues in special education. This is the capstone seminar of the graduate program in special education and is the last of the required courses for a Master of Education, Special Education. May be repeated for a total of 6 hours of credit. (As Needed)

**603. Transition Issues for Individuals With Disabilities.** Credit 3 hours. Prerequisite: SPED 200 or 210 or 600. Identification of transition needs of individuals with disabilities with emphasis on positive student outcomes and adult lifestyles. Visitation of employment facilities required. (Summer)

**608. Evaluation of Individuals with Mild/Moderate Disabilities.** Credit 3 hours. Prerequisite: SPED 200 or 210 or 600. Theory, administration, and interpretation of formal and informal instruments to assess personal-social-school adjustment, educational level, intellectual functioning, and sensory deficits of individuals with mild/moderate disabilities. (Fall)

**612. Behavioral Assessment and Intervention with Individuals with Disabilities.** Credit 3 hours. Prerequisite: SPED 200 or 210 or 600. Systematic behavioral assessment and intervention strategies with individuals with disabilities. Practical application of strategies with individuals with disabilities will be an integral part of the course. (Fall, Spring)

**613. Consulting Teacher Strategies.** Credit 3 hours. Prerequisite: SPED 200 or 210 or 600. A study of effective techniques and strategies of consultation, collaboration and communication in the schools. The role of consulting teacher will be emphasized. (Summer)

**614. Assessment and Diagnostic/Prescriptive Strategies of Individuals with Exceptionalities.** Credit 3 hours. Prerequisite: SPED 608. Theory, administration, and interpretation of formal and informal assessment measures which assist in designing prescriptive strategies to meet the unique needs of individuals with exceptionalities. (Odd Fall Semesters)

**615. Compliance Issues in Special Education.** Credit 3 hours. A study of compliance issues as they pertain to special education is presented. Emphasis will be on the Louisiana State Plan for special education, the legal basis for special education, interpretation of federal and state laws, due process proceedings, federal and state litigation, discipline regulations, child identification, state and federal reports, complaint management systems, state, federal, local investigations, free appropriate education, least restrictive environment, and funding. (As Needed)

**616. Supervised Internship in Evaluation of Individuals with Exceptionalities.** Credit 6 hours. Prerequisites: ESPY 605, and SPED 608, 612, 613, 614, 663, and prior approval of the Department Head. A supervised internship with individuals with exceptionalities. Emphasis will be placed on evaluation and implication for educational intervention through the development of individualized assessment/intervention plans. One hundred child contact hours required. (As Needed)

**625. Independent Readings and Research in Exceptionalities.** Credit 3 hours. Prerequisites: Advanced standing in special education and permission of the Department Head. May be repeated for a total of 6 hours credit. (As Needed)

**641. Practicum in Assessment and Evaluation of Individuals with Disabilities.** Credit 3 hours. Prerequisites: SPED 608 and SPED 663. Supervised practice in administering and interpreting standardized and informal tests for individuals with disabilities. Focus on use of criterion-referenced and developmentally-based procedures. Sixty hours of practicum experiences are required. (As Needed)

**642. Practicum in Special Education Administration.** Credit 3 hours. Prerequisites: Completion of all requirements leading to certification in Parish or City School Supervisor/Director of Special Education and permission of Department Head. This course meets the three hour requirement for a practicum in special education administration that is necessary for certification as a Parish or City School Supervisor/Director of Special Education. Course will focus on the role of the administrator in all aspects of implementation of federal, state and local regulations regarding special education. (As Needed)

**649. Instructional Strategies for Individuals with Severe/Profound Impairments.** Credit 3 hours. Prerequisite: SPED 600 or 650 and 659 or permission of Department Head. The study of instructional arrangements and strategies for implementing appropriate educational programs for students with severe/profound impairments. Utilization of systematic instruction and data to develop and evaluate the effectiveness of programs will be emphasized. (As Needed)

**650. Introduction to the Characteristics and Development of Individuals with Severe/Profound Impairments.** Credit 3 hours. This course presents an overview of characteristics and development of individuals with severe/profound impairments with an emphasis on the impact on the total life and development of the individual. An exploration of litigation and legislation, and etiology and a study of the effects of the interaction of severe/profound impairments on normal developmental processes will be included. Experience component required. (As Needed)

**658. Advanced Teaming Strategies of Working with Paraprofessionals and Related Service Providers.** Credit 3 hours. Prerequisite: SPED 200 or SPED 210 or SPED 600 or permission of the Department Head. The focus of this course will be teaming and effective communication strategies for working with paraprofessionals and related service providers. The dynamics of interdisciplinary and interagency teaming including different models of teaming (e.g. multidisciplinary, interdisciplinary, and transdisciplinary) and the concept of role release will be explored. The role of paraprofessionals, and medical/related service providers including methods and techniques for obtaining appropriate support personnel, supervising, and coordinating the paraprofessional will be discussed. Experience component required. (As Needed)

**659. Curriculum Design for Individuals with Severe/Profound Impairments.** Credit 3 hours. Prerequisite: SPED 600 or 650 or permission of Department Head. Curriculum design for individuals with severe/profound impairments is studied. Strategies for inclusion, community-based programming, and instruction in a variety of natural environments will be emphasized. (As Needed)

**660. Learning Principles and Classroom Behavior Management and Intervention Strategies for Individuals with Severe/Profound Impairments.** Credit 3 hours. Prerequisite: SPED 200, 600, or 650 or permission of the Department Head. This course will provide a review of general learning principles and behavioral analysis techniques appropriate for individuals with severe/profound impairments. Emphasis will be on proactive techniques, environmental structuring and implementation of positive behavior support strategies. (As Needed)

**661. Methods of Designing and Assessing Curricula for Individuals with Mild/Moderate Impairments.** Credit 3 hours. Prerequisite: SPED 200 or 600. Design, adaptation and evaluation of curricula for students with mild/moderate impairments is conducted. Experience in preparing developmentally and academically sequenced materials as well as a review of commercially prepared curricula is included. (As Needed)

**662. Approaches to Teaching Students with Learning and Behavior Problems.** Credit 3 hours. Prerequisite: SPED 200 or 600. Investigation of the various instructional models for teaching students with mild/moderate impairments. Emphasis on strategies which promote motivation and efficient student learning included. (As Needed)

**663. Methods of Teaching Basic Subjects to Individuals with Mild/Moderate Disabilities.** Credit 3 hours. Prerequisites: SPED 200 or 210 or 600 and SPED 608. This course integrates the basic skills with instructional processes and methods of teaching academic subjects. It includes the individualization techniques and strategies necessary for teaching individuals with mild/moderate disabilities. Experience component required. (Spring)

**664. Classroom Organization and Management for Students with Mild/Moderate Disabilities.** Credit 3 hours. Prerequisite: SPED 200 or 210 or 600. This course addresses classroom

organization strategies to meet the academic and behavioral needs of students with mild/moderate disabilities. Scheduling, physical structure of the room and use of learning and interest centers will be addressed as well as non-behavioristic management strategies. Field experience component required. (As Needed)

**665. Humanistic Approaches to Managing the Child with Mild/Moderate Impairments.** Credit 3 hours. Prerequisite: SPED 200 or 210 or 600 or department consent. Non-behavioristic approaches used to assist development of internal control of behavior and actualization of self is studied. Experience component required. (As Needed)

**667. Assessment and Instruction for Diverse Populations in Inclusive Classrooms.** Credit 3 hours. Prerequisites: SPED 200 or 210 or 600 and EDUC 660. This is a core course for graduate students in all master's programs in Curriculum and Instruction. This course provides an understanding of how special education policies and practices are applied in inclusive classrooms. (Fall, Spring)

**670. Instructional and Assistive Technology for Individuals with Disabilities in Educational and Community Environments.** Credit 3 hours. Instructional and assistive technology classifications, legislation, services and devices; benefits, resources, terminology across environments; impact of technology on learning needs. Field Experience to develop case studies will be an integral part of the course. (Spring)

**675. Basic Adaptive Skills and Prevocational Needs of Exceptional Individuals.** Credit 3 hours. Prerequisite: SPED 200 or 600 or permission of the Department Head. Attention will be directed toward the basic living and prevocational skills needed by the exceptional individuals. Experience component. (As Needed)

**676. The Inclusive Classroom: Methods of Designing and Assessing Curricula for Culturally and Linguistically Diverse Individuals with Exceptionalities.** Credit 3 hours. Prerequisite: SPED 200 or 600. This course focuses on implications of multicultural trends and issues with relation to designing and choosing curricula. The impact of learning style, culture and language variation on the education of minority students with exceptionalities will be emphasized. (As Needed)

**677. Seminar in Communication Disorders in Culturally and Linguistically Diverse Populations.** Credit 3 hours. Prerequisite: SPED 200 or 600. Focuses on study of language development and disorders within a sociocultural perspective. This course will emphasize assessment and intervention of language disorders for handicapped students with culturally diverse backgrounds. (As Needed)

**680. Families in Early Intervention: Sociocultural Partnerships and Interdisciplinary Perspectives.** Credit 3 hours. This course is designed to explore issues and models of family-professional and interpersonal relationships in early intervention settings. Collaborative communication and problem solving strategies are emphasized in the context of diversity. Field experience component required. (As needed)

**681. Problems of Atypical Language Development.** Credit 3 hours. Prerequisite: SPED 200 or 600. Normal language development will be reviewed and atypical language development patterns will be studied. Identification techniques and approaches to habilitation will be surveyed. (As Needed)

**682. Foundations of Early Education for Young Children with Disabilities.** Credit 3 hours. Prerequisite: SPED 200, 210 or 600. An overview of the historical influences, research, controversies, and issues that provide the foundation for early education for exceptional children. Includes a review of model programs, their methods, materials, and rationales and a study of current issues in early intervention programs. Field experience component required. (Fall)

**683. Instructional Program Implementation for Young Children with Disabilities.** Credit 3 hours. Prerequisite: SPED 200 or 210 or 600. Individual and group teaching strategies are analyzed within the framework of the classroom system and home-based intervention. Curriculum goals and content and the learning environment are studied with reference to developmental process. Experience component required. (Summer)

**684. Biophysical Development, Medical Management and Nutritional Needs of Young Children with Disabilities.** Credit 3 hours. Prerequisite: SPED 200 or 210 or 600. An overview of normal development from conception to age five. Includes development of the musculoskeletal systems, and neurological systems as well as influences of genetics, diseases, trauma and chemicals on the developing child. Experience component required. (As Needed)

**685. Language and Literacy Development for Young Children with Disabilities.** Credit 3 hours. Prerequisite: SPED 200 or 210 or 600. Normal and abnormal language development and appropriate intervention procedures for young children with disabilities is explored. Content related to



emergent and early literacy and the reading process is discussed in the context of providing candidates with the knowledge and skills to design, organize, and apply developmentally appropriate practices in a literacy program for young children with disabilities. Experience component is required. (Fall)

**686. Learning Theory in Applied Settings.** Credit 3 hours. Prerequisites: SPED 200, 210, or 600 and 612. Investigation and application of major theories of learning, with emphasis on behavioral and cognitive approaches is presented. Design and implementation of management and instructional procedures in educational settings is included. (Summer)

**687. Research Methods in Special Education and Speech Pathology.** Credit 3 hours. Principles, procedures, and techniques of research with an intensive survey of scientific investigations in special education, speech pathology, audiology, and related fields is studied. Emphasis on practical application for teachers/practitioners is provided. Credit cannot be granted for both SPED 687 and CSD 687. (As Needed)

**688. Evaluation of Young Children With Disabilities.** Credit 3 hours. Prerequisites: SPED 200 or 210 or 600 and 682 or departmental consent. Theory, administration, and interpretation of instrumentation to assess family characteristics, and personal-social, cognitive, motor, communication, self-help, and sensory abilities of young children who are "at risk" or have an identified disability. Field experience component required. (Spring)

**689. Teaming, Physical, and Medical Management.** Credit 3 hours. Prerequisite: SPED 200, 210, or 600 or permission of department head. This course presents an overview of teaming and effective communication strategies for working with paraprofessionals and related service providers; the dynamics of interdisciplinary and interagency issues; the role of paraprofessionals and medical/related service personnel; normal development from conception to age five including development of the musculoskeletal systems, neurological systems and the influences of genetics, diseases, trauma and chemicals on the developing child. (Summer)

**693. Teaching Internship in Special Education: Early Intervention of Young Children with Disabilities.** Credit 3 hours. Prerequisites: SPED 682, 683, 689, or permission of Department Head. Supervised and directed experience in teaching programs for young children with disabilities, birth to age 5. Course is for students currently employed as full-time early interventionist and pursuing add-on certification in early intervention. May be repeated for a total of six hours credit, with no more than three credit hours in one semester. This course will be graded Pass/Fail only. (As Needed)

**694. Student Teaching in Special Education: Early Intervention.** Credit 6 hours. Prerequisites: SPED 683 and 684 or permission of Department Head. Supervised and directed experience in teaching in programs for young children with disabilities, birth to age 5. Course is for students not currently employed as an early interventionist, but pursuing early intervention certification. This course will be graded Pass/Fail only. (As Needed)

**696. Teaching Internship in Special Education: Severely/Profoundly Impairments.** Credit 3 hours. May be repeated for 9 hours credit. Prerequisites: SPED 659 and 660 or permission of the Department Head. Supervised and directed experience in teaching students with severe/profound impairments in a variety of educational settings. (As Needed)

**697. Teaching Internship in Special Education: Mild/Moderate Impairments.** Credit 3 hours. Prerequisites: Louisiana elementary certification, SPED 663 and 664 or permission of Department Head. Supervised and directed experience in teaching in mild/moderate impairments programs. (As Needed)

**703. Advanced Transition Issues for Individuals with Disabilities.** Credit 3 hours. Prerequisite: Permission of the Department Head to verify SPED Mild/Moderate Certification. This course will focus on advanced transition needs of individuals with mild/moderate disabilities. An emphasis will be on positive student outcomes and adult lifestyles. Candidates will acquire the knowledge and skills necessary to guide students in the development of IEPs and transition plans. Additionally, candidates will consider culture and diversity when assisting students in taking active roles in developing education and lifestyle goals. There will be a field component incorporated into this class. (Fall, Summer)

**704. Effective Practices in Instructional and Assistive Technology.** Credit 3 hours. Prerequisite: SPED 670. Current practices, strategies, planning, and device knowledge and skills necessary to implement services for individuals with disabilities. Field experience to develop case studies will be an integral part of this course. (As Needed)

**705. Evaluation and Assessment for Instructional and Assistive Technology.** Credit 3 hours. Prerequisite: SPED 670. Theory, administration, and interpretation of formal and informal assessment

measures to determine the need for assistive technology devices and services. Professional and ethical practice, collaboration, problem solving, and the decision process in educational settings will be emphasized. Field experience to develop case studies will be an integral part of the course. (As Needed)

**706. Practicum in Instructional and Assistive Technology for Individuals with Disabilities.**

Credit 3 hours. Prerequisites: SPED 670, 704, and 705. This course will entail candidates developing and implementing action research in instructional and assistive technology for individuals with disabilities. (As Needed)

**708. Theories and Approaches to Assessing Individuals with Disabilities.** Credit 3 hours.

This course focuses on assessment theories, creating, administering, scoring, and interpreting informal and formal assessment instruments that meet the diverse needs of individuals with disabilities. Assessment activities include addressing social, visual/motor, and sensory deficits of individuals with disabilities. (Fall)

**710. Advanced Theory and Practice in Assessment and Evaluation of Individuals with Exceptional Learning Needs.** Credit 3 hours. Prerequisite: SPED 708. Advanced course in the principles of tests and measurement. The course covers the various tenets of test theory and principles to determine technical adequacy of test scores. Basic concepts including: reliability, validity, norms, and methods of expressing test scores statistically are studied. Test administration, scoring, and interpretation applied to individuals with exceptionalities. Practice in test administration, interpretation, and educational diagnosis for Educational Diagnosticians. The course will examine CHC theory and other classical and item response theory models. (As Needed)

**716. Supervised Internship in Evaluation of Individuals with Exceptionalities.** Credit 3 hours. Prerequisites: SPED 612, 613, 614, 708, 710, or prior approval of Department Head, and special education certification. A supervised internship with individuals with exceptionalities. Emphasis will be placed on evaluation and implication for educational intervention through development of individualized assessment/intervention plans. Field experience component required. (As Needed)

**741. Practicum in Linking Assessment to Instruction.** Credit 3 hours. Prerequisites: SPED 708 and 763. This course provides supervised practice in implementing research-based assessment and instructional practices to individuals with disabilities in inclusive classroom settings. The practicum focuses on data-based decision making that links research-based assessment results to instructional methods and strategies that will impact achievement for individuals with disabilities. Candidates will be required to collaborate with individuals with disabilities, their family members, school faculty and administrators, and other interested stakeholders that have relationships with individuals with disabilities. (As Needed)

**763. Advanced Methods of Teaching Individuals with Disabilities.** Credit 3 hours.

Prerequisite: SPED 708. This course will enhance and expand candidates basic knowledge about instructional processes and methods of teaching academic subjects to students with disabilities through strategies, direct instruction, differentiating instruction, and universal design for learning. A special emphasis will be on communication/literacy issues with respect to individuals with disabilities. This course will enable candidates to develop skills needed to proceed with National Board for Professional Teaching Standards certification. (Spring)

**765. Humanistic Approaches to Developing Inclusive Classrooms.** Credit 3 hours.

Prerequisite: SPED 200, 210, or 600. Non-behavioristic approaches used to assist development of appropriate behaviors in inclusive classrooms will be explored. Field experience component is required. (As Needed)

**767. Advanced Strategies for Developing Partnerships with Families of Children and Youth with Disabilities.** Credit 3 hours. This course is designed to develop an understanding of exceptional families and the dynamics, roles, and relationships within families, schools, and communities in a pluralistic society. Special emphasis is placed on application of family systems theory, development of family/school partnerships, and examination of the impact of special education laws and policies on exceptional families. Field experience component required. (Summer, Fall)

**770. Capstone Seminar.** Credit 3 hours. This is the capstone seminar for candidates enrolled in the Professional Special Education Program. Emphasis is placed on preparing special educators for the roles as teacher leaders and collaborators for change and improvement in districts and schools. Further, candidates will expand their knowledge of strategies that will prepare them to continue to be lifelong learners. The competencies of this course are derived from the requirements for teachers by the national standards for the Council for Exceptional Children, the Standards for the NBPTS

(Exceptional Needs Specialist), CAEP, and INTASC, and guidance from the special education program faculty. Must be taken during final semester of course work. (Fall, Spring)

## Substance Abuse Counseling (SAC)

**619. Substance Abuse Counseling.** Credit 3 hours. Prerequisites: HD 601, CED 603 and CED 605. This course will provide a general knowledge base concerning the emotional, social, physical and spiritual impact of addiction upon the abuser and the family system. Special emphasis will be given to the principles of the progression of addiction, treatment modalities, recovery and relapse prevention. (Summer, Spring)

## Theatre (THEA)

**131. Introduction to the Theatre.** [LCCN: CTHE 1013, Introduction to Theatre]. Credit 3 hours. A course designed to impart a deepened appreciation and understanding of today's theatre by surveying both contemporary techniques and the contribution of theatre to world culture. Consideration of the interrelation of all aspects of theatre production and the contributions of various related arts. Open to all students. (Fall, Spring).

**201. Voice for the Actor.** Credit 3 hours. Prerequisite: THEA 234. This course will focus on the development of the actor's voice and speech techniques for stage and film. Emphasis will be placed on how the voice is connected to the mind (impulse), emotion, and body. Linklater voice work, among other techniques, will be explored. Methods such as relaxation, alignment, breathing, phonation, resonation, articulation, vocal range, inflection and rhythm skills will be developed through daily vocal warm-up and workout activities. Students will learn the American sounds of the International Phonetic Alphabet (IPA). IPA will then be applied to learning standard American dialect which will serve as a basis for applying IPA to other dialects. Six hours of laboratory per week. (Fall, Spring)

**217. Script Analysis.** Credit 3 hours. Prerequisite: THEA 131. This course provides students with the skills necessary to analyze dramatic texts. Students will be introduced to a wide range of plays spanning various genres throughout theatre history. The basic skills needed to understand a play will be learned through reading, attending productions, discussion and a variety of analytical exercises. Analysis from the perspective of actor, designer and director will be explored. (Summer, Fall, Spring)

**231. Stagecraft.** [LCCN: CTHE 2303, Stagecraft]. Credit 3 hours. A technical study of the construction and painting of stage settings with an emphasis in production organization and stage management: participation in technical work of Southeastern Theatre. (Summer, Fall, Spring)

**234. Introduction to Acting.** [LCCN: CTHE 2103, Acting I]. Credit 3 hours. A course designed to familiarize the student with the history and nature of the techniques of acting-concentrating on understanding and mastering skills associated with body movement and vocal production in character analyses and performances. Refereed performances, attention to television acting; a basic course. (Fall, Spring)

**332. Acting for the Camera.** Credit 3 hours. Prerequisite: THEA 234. An in-depth study of the techniques required for performing before the camera. Special attention paid to the technical considerations specific to film/television acting. Emphasis on performance. (Spring)

**333. Design for Stage and Studio.** Credit 3 hours. A study of design principles, methods, and techniques relevant to both the theatre and the studio. Emphasis on developing creative and practical skills. (Spring)

**335. Advanced Acting.** Credit 3 hours. Prerequisite: THEA 234. A course designed for in-depth study of varied dramatic roles. American and continental theories will be examined and applied to advanced character analyses and performances. Extensive performance coupled with professional critiques. (Summer, Fall, Spring)

**337. Makeup Design for Stage and Studio.** Credit 3 hours. This introductory course will cover the methodologies and concepts of makeup design for stage, screen, and photography. Students will be instructed in products, tools, and techniques of makeup application, basic and character makeup design and application, special effects, and prosthetics, as well as hair and wig styling. Lectures, demonstrations, and laboratory work will be completed in conjunction with Southeastern Theatre productions, and assigned design projects. Purchase of makeup and drawing materials required. (Fall)

**338. Costume Design for Stage and Studio.** Credit 3 hours. This comprehensive course will cover the methodologies and concepts of costume design for stage and screen. Students will develop skills in areas such as rendering, costume history, research methods, play and character analysis, and costume crafts. Lectures, demonstrations, and laboratory work will be covered in conjunction with Southeastern Theatre productions and assigned design projects. Purchase of drawing materials required. (Fall)

**400. Special Topics in Theatre.** Credit 3 hours. Prerequisite: Junior standing or permission of Department Head. A variable content course which treats subjects of special interest. The content will change from semester to semester and will be advertised in advance. May be taken by both majors and non-majors. May be repeated once for a total of 6 hours. (As Needed)

**403-404/503-504. Independent Study in Theatre.** Credit 3 hours. Prerequisite: Junior standing and permission of the Department Head and written permission of instructor. Readings, conferences, reports, and/or special projects. Areas of study may include, but are not limited to, the following topics: Stage Combat and Fencing, Musical Comedy, Stage Movement, Arts Administration, Stage Speech, Advanced Performance. Creative Dramatics, Character Makeup and Masque, Refereed Directing, Dialects, Scenic Painting, and Community Theatre. (Spring)

**431/531. Play Production.** Credit 3 hours. Prerequisites: THEA 231 and 234 and Junior standing or permission of the Department Head. Training in play reading and selection, evaluation of dramatic literature, theatre management and promotion, costume and make-up, basic acting, and organization of many facets of theatrical productions, auditions, rehearsals, and performances. (Fall)

**432/532. Theatre Directing.** Credit 3 hours. Prerequisites: THEA 231 and THEA 234 and Junior standing or permission of Department Head. Fundamental theories of directing for the stage. Students select, cast, direct, and present scenes and/or short plays for class and public presentation. (Summer, Spring)

**433/533. Theatre History.** Credit 3 hours. Prerequisite: Junior standing or permission of the Department Head. The development of the Western Theatre from the time of the ancient Greeks to the present. Emphasis on the physical theatre and production styles. (As Needed)

**435/535. Children's Theatre.** Credit 3 hours. An introductory course in theatre history as it applies to children. Emphasis will be placed on the criteria for productions with children as the audience and adults as actors and on productions using children as actors. Activities in the use of creative dramatics will also be included. (Summer, Spring)

## Theatre Laboratory Courses (TLAB)

Laboratory courses in theatre are offered for credit through satisfactory participation, but no more than a total of three semester hours may be applied toward a minor in Theatre. Credit above three hours may be used to satisfy elective requirements in any degree program.

**137-138/237-238/337-338/437-438. Theatre Laboratory.** Credit 1 or 2 hours each. Credit will be earned by successful completion of significant work as determined by the instructor of record. (138, 238, 338, 438-Fall; 137, 237, 337, 437-Spring)

**435-436/535-536. Advanced Theatre Laboratory.** Credit 2 hours. Prerequisite: permission of the Department Head. Performance of an important role or significant creative work in technical production. Credit for acting subject to audition in open tryouts. (As Needed)

## Zoology (ZOO & ZOOL)

**210. Human Anatomy & Physiology Laboratory I Simulation.** Credit 1 hour. Prerequisites: Registration in or prior credit for ZOO 250, eligibility for the CALL program (RN to BSN in Nursing), and permission of the Department Head of Biological Sciences. A series of online, virtual, and science kit laboratories designed to illustrate the course material in ZOO 250, focusing on the skeletal system, the muscular system, the skin, histology, and the nervous system. Students will relate topics learned in lectures to a virtual laboratory setting using principles of anatomy and physiology to answer questions relevant to human health and disease. This course does not provide practical experience with biological specimens, chemicals, instrumentation, or laboratory safety procedures. This course is exclusively for students in the CALL nursing program and may not be used to substitute for any Biology, Microbiology, or Zoology laboratory or lecture course, nor can it be used to satisfy any

prerequisites, corequisites, or requirements for any other courses. A laboratory fee is required for this course. (Summer, Fall, Spring)

**211. Human Anatomy & Physiology Laboratory II Simulation.** Credit 1 hour. Registration in or prior credit for ZOO 251, eligibility for the CALL program (RN to BSN in Nursing), and permission of the Department Head of Biological Sciences. A series of online, virtual, and science kit laboratories designed to illustrate the course material in ZOO 251, focusing on the cardiovascular system, the respiratory system, blood, the digestive system, the urinary systems, and reproduction and development. Students will relate topics learned in lectures to a laboratory setting using principles of anatomy and physiology to answer questions relevant to human health and disease. This course does not provide practical experience with biological specimens, chemicals, instrumentation, or laboratory safety procedures. This course is exclusively for students in the CALL nursing program. In addition, this course may not be used to substitute for any Biology, Microbiology, or Zoology laboratory or lecture course, nor can it be used to satisfy any prerequisites, corequisites, or requirements for any of these courses without the consent of the Department Head of the student's major. A laboratory fee is required for this course. (Summer, Fall, Spring)

**241. Human Physiology.** Credit 4 hours. Prerequisites: GBIO 151 and BIOL 152 or equivalent and all prerequisite courses must have a grade of "C" or better. A general study of functions in organ systems of the human. Three hours of lecture and two hours of laboratory per week. Persons majoring in Biology may not use this course to fulfill their major requirements; however, it may be used to fulfill an elective requirement. A laboratory fee is required for this course. (Fall)

**242. Principles of Human Biology.** Credit 4 hours. Prerequisites: GBIO 151 and BIOL 152 or equivalent and all prerequisite courses must have a grade of "C" or better. Principles of Human Biology has been primarily designed for students pursuing careers with curricula that require a single semester of human biology such as Kinesiology. The major areas of subject concentration are the muscular, cardiovascular, respiratory, nervous, and sensory systems. Biology majors may not use this course to fulfill their major requirements. However, it may be used to fulfill an elective requirement and in calculating cumulative and major averages. Three hours of lecture and two hours of laboratory per week. (As Needed)

**250. Human Anatomy and Physiology Lecture I.** [LCCN: CBIO 2213, Human Anatomy and Physiology I]. Credit 3 hours. Prerequisites: GBIO 151 and BIOL 152 and registration in or prior credit for ZOO 252 or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. Topics covered include: anatomical terminology and the structure and function of molecules, cells, tissues, and the integumentary, skeletal, muscular, and nervous systems. Three hours of lecture per week. This course cannot be used as a concentration elective for Biology majors; however, it may be used as a general elective. (Summer, Fall, Spring)

**251. Human Anatomy and Physiology Lecture II.** [LCCN: CBIO 2223, Human Anatomy and Physiology II]. Credit 3 hours. Prerequisites: ZOO 250 and registration in or prior credit for ZOO 253 or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. Topics covered include the structure and function of the endocrine, cardiovascular, digestive, reproductive, respiratory, lymphatic, urinary, and excretory systems energy & metabolism as well as water and ion homeostasis. Three hours of lecture per week. This course cannot be used as a concentration elective for Biology majors; however, it may be used as a general elective. (Summer, Fall, Spring)

**252. Anatomy and Physiology Laboratory I.** [LCCN: CBIO 2211, Human Anatomy and Physiology I Lab]. Credit 1 hour. Prerequisites: Registration in or prior credit for ZOO 250 and all prerequisite courses must have a grade of "C" or better. A series of laboratory exercises designed to illustrate the course material in ZOO 250. Two hours of laboratory per week. Persons majoring in Biology may not use this course to fulfill their major requirements; however, it may be used to fulfill an elective requirement. A laboratory fee is required for this course. (Summer, Fall, Spring)

**253. Anatomy and Physiology Laboratory II.** [LCCN: CBIO 2221, Human Anatomy and Physiology II Lab]. Credit 1 hour. Prerequisites: Registration in or prior credit for Zoology 251 and all prerequisite courses must have a grade of "C" or better. A series of laboratory exercises designed to illustrate the course material in Zoology 251. Two hours of laboratory per week. Persons majoring in Biology may not use this course to fulfill their major requirements; however, it may be used to fulfill an elective requirement. A laboratory fee is required for this course. (Summer, Fall, Spring)

**301. Invertebrate Zoology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and all prerequisite courses must have a grade of "C" or better. A general study of the principal forms

of invertebrate animals. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (Summer)

**302. Comparative Anatomy of the Vertebrates.** [LCCN: CBIO 3234, Comparative Anatomy Lec + Lab (Upper Level)]. Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and all prerequisite courses must have a grade of "C" or better. A comparative study of the anatomy of representative vertebrate animals. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**331. Embryology.** Credit 4 hours. Prerequisites: ZOO 301 and GBIO 200 and all prerequisite courses must have a grade of "C" or better. A comparative study of the embryology of invertebrates and vertebrates. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**332. Animal Histology.** [LCCN: CBIO 3613, Histology (Upper Level)] Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of normal animal microscopic anatomy; correlations with cellular and tissue function are given. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (Spring)

**352. Field Zoology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A laboratory course designed to acquaint the student with the methods of collecting and identifying the common species of vertebrate animals found in Louisiana. One hour of lecture and six hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**392. Animal Physiology.** [LCCN: CBIO 3643, Evolutionary Biology (Upper Level)] Credit 4 hours. Prerequisites: GBIO 200 or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A comparative approach to study the fundamental mechanisms which underlie the basic physiological processes in animals. Laboratory will involve research experiments emphasizing hands-on instrumentation and computer usage, data analysis and scientific written reports. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (Fall, Spring)

**409/509. General Entomology.** [LCCN: CBIO 3603, Entomology (Upper Level)] Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A general study of the earth's most diverse group of animals, the insects. Lecture will emphasize insect diversity, physiology, structure, and life history. Laboratory will focus on collection and identification of insects. Creation of an insect collection is a major component of the laboratory. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**428/528. Waterfowl Management.** Credit 3 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of the principles, practices, and problems of waterfowl management, with an introduction to current research methods and pertinent literature. A two-hour laboratory stresses habitat evaluation with trips to waterfowl refuges. Waterfowl identification and aquatic plant identification are other laboratory objectives. Two hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**438/538. Mammalogy.** Credit 4 hours. Prerequisites: ZOO 302 and 352 or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of the life history, distribution, systematics, evolution, and adaptations of mammals. Two hours of lecture and four hours of laboratory per week. (As Needed)

**453/553. Ecological Parasitology.** Credit 4 hours. Prerequisites: GBIO 153, BIOL 154, and Junior standing or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. Survey of the major parasitic taxa, including microparasites (protists) and macroparasites (helminthes). Ecological aspects of host-parasite relationships, parasite life histories, and methods of transmission. Topics in the evolutionary ecology of parasites will focus on origins and evolution of complex life cycles, host specificity, and strategies of host exploitation. Patterns and processes of parasite aggregation, population dynamics, and community structure are analyzed. Four hours of lecture per week. (As Needed)

**455/555. Medical Parasitology.** [LCCN: CBIO 3623, Parasitology (Upper Level)] Credit 4 hours. Prerequisites: GBIO 153, BIOL 154, and Junior standing or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of human parasites of significant

medical importance. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**456/556. Ichthyology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of the classification, structure, and life history of fishes, both freshwater and marine. Two hours of lecture and one four-hour laboratory per week. A laboratory fee is required for this course. (Even Fall Semesters)

**457/557. Invertebrate Ecology.** Credit 4 hours. Prerequisites: ZOO 301 or equivalent or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. Field and laboratory study of ecological relationships of invertebrate animals. Observation and collection of invertebrates in terrestrial, marine, estuarine, and freshwater environments. Identification and preservation of specimens in the laboratory. Two Saturday field trips. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**458/558. Fisheries Ecology and Management.** Credit 4 hours. Prerequisites: GBIO 151, GBIO 153, Junior standing or permission of Department Head, and all prerequisite courses must have a grade of "C" or better. An evaluation of the theory and practice of fisheries ecology and management emphasizing management techniques and principles, including sampling and assessment methods, stocking, population and habitat manipulation, and regulations. The laboratory will focus on the use of sampling gears and data analysis. Two hours of lecture and four hours of lab per week. A laboratory fee is required for this course. (As Needed)

**465/565. Animal Development.** [LCCN: CBIO 4503, Developmental Biology (Upper Level)] Credit 4 hours. Prerequisites: GBIO 200. Credit for or enrollment in GBIO 312 also recommended and all prerequisite courses must have a grade of "C" or better. A study of the major patterns of animal development and the mechanisms responsible for cell differentiation during development. Three hours of lecture and three hours of lab per week. (As Needed)

**470/570. Ornithology.** Credit 4 hours. Prerequisites: ZOO 302 and 352 or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of the taxonomy, life history, distribution, evolution, and adaptations of birds. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**471/571. Comparative Endocrinology.** [LCCN: CBIO 4513, Endocrinology (Upper Level)] Credit 4 hours. Prerequisites: ZOO 392 or equivalent or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of the hormones regulating reproduction, growth, and homeostasis in animals, including humans. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**475/575. Animal Behavior.** Credit 4 hours. Prerequisites: GBIO 151, GBIO 153, and Junior standing, or permission of Department Head and all prerequisite courses must have a grade of "C" or better. This course will examine the biological basis of animal behavior, including molecular, cellular, physiological, ecological, and evolutionary aspects of survival and reproduction. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (Fall)

**483/583. Introduction to Paleontology.** Credit 4 hours. Prerequisites: GBIO 153 and BIOL 154 or equivalent and Junior standing or consent of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of vertebrate evolution from Devonian fishes to man. The course is divided between vertebrate evolution and anthropology. Field experience will be emphasized using and teaching basic techniques and concepts. Three hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**488/588. Cytology.** [LCCN: CBIO 4143, Cell Biology (Upper Level)]. Credit 3 hours. Prerequisites: GBIO 153, BIOL 154, and Junior standing or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. A study of cellular anatomy, including the major cell organelles. Three hours of lecture per week. (Odd Spring Semesters)

**499/599. Neurobiology.** Credit 4 hours. Prerequisite: GBIO 200 or permission of the Department Head and all prerequisite courses must have a grade of "C" or better. A physiological approach to the study of the nervous system. The laboratory will focus on neurophysiology and neuroanatomy. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (Spring)

**605. Developmental Biology.** Credit 3 hours. A study of the molecular interactions and processes which occur during the developmental phases of organelle, cell, and tissue formation. Three hours of lecture per week.

**608. Fisheries Biology.** Credit 3 hours. Prerequisite: ZOO 456/556. Research methods in fishery biology; life histories, environmental relations, and fishery management problems. One hour of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**611. Advanced Invertebrate Zoology.** Credit 4 hours. Prerequisite: ZOO 301 or equivalent. A study of the phylogeny, morphology, and biology of invertebrate animals. Two hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**630. Herpetology.** Credit 4 hours. Prerequisite: ZOO 352 or equivalent. A course dealing with the survival strategy of amphibians and reptiles. Areas of study include evolution, dispersal, and populations of these organisms with emphasis on their role in the various ecosystems. Three hours of lecture and two hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**635. Endocrinology.** Credit 4 hours. A study of the evolution, pharmacology, physiology, and structure of endocrine glands and hormones. This will include not only the medical implications, but also the role of hormones in the survival strategy of various organisms. Three hours of lecture and four hours of laboratory per week. A laboratory fee is required for this course. (As Needed)

**645. Environmental Physiology.** Credit 4 hrs. A study of physiology in the content of an animal's physical, chemical, and social environment. Multiple levels of organization are considered, from organism to biochemistry. Three hours of lecture and three hours of laboratory per week. A laboratory fee is required for this course. (As Needed)



## Index

**A**

Academic Integrity.....	114
Academic Probation .....	112
Academic Regulations .....	91
Academic Renewal .....	103, 104
Academic Scholarships .....	144
Accounting (ACCT) .....	423
Accreditations.....	80
Adapted Physical Education .....	283
Add-On Teacher Certification .....	350
Admission .....	91
Admission Criteria .....	91
Admission to Graduate Studies .....	334
Advanced Placement .....	116, 120
Advertising and Integrated Marketing Communication Concentration... 228, 229	
Alternative Teacher Certification Programs .....	233
American Chemical Association (ACS) Concentration .....	300
Anthropology (ANTH) .....	426
Appeal and Change of Grade.....	111
Applied Computing Technology Software (ACTS).....	425
Applied Music (MUSA).....	583
Applied Sociology .....	404
Applying for Graduation .....	345
Art Education .....	208
Art Education Concentration .....	208
Art History Concentration.....	198
Associate Degree .....	127, 285
Athletic Coaching.....	283
Athletic Training .....	276
Athletic Training (ATHT).....	434
Athletic Training Lab (ATLB).....	437
Athletics.....	85
Attendance Procedures .....	116
Auditing Classes.....	107
Automated Systems Concentration.....	318
Auxiliary Services.....	149

**B**

Bachelor of Music Degree.....	180
Baton Rouge Nursing Center .....	84
Beginning Freshman .....	92
Beta Alpha Psi .....	214
Beta Gamma Sigma.....	214
Biochemistry Concentration .....	301
Biological Sciences .....	351
Biology Education Concentration .....	292
Board of Supervisors.....	24
Botany (BOT & BOTL).....	438
Business and Industry Concentration .....	302
Business Law (BLAW).....	439

**C**

Campus Card Operations .....	152
Campus Dining Services .....	131, 151
Career Planning (CPL) .....	440
Center for Faculty Excellence.....	88
Center for Southeast Louisiana Studies ..	164
Ceramics Concentration .....	199
Certification Levels .....	369
Certification-Only Alternative Teacher Certification Programs .....	347
Changes in Major .....	108
Chemistry.....	299
Chemistry (CHEM & CLAB).....	440
Chemistry Safety Policy.....	299
Civil Rights Compliance .....	82
Class Attendance Regulations.....	116
Classic Upward Bound .....	97
Classification .....	109
CLEP .....	100
Clinical Mental Health Counseling .....	361
College of Arts, Humanities, .....	163
College of Business .....	213
College of Education .....	231
College of Nursing and Health Sciences ..	252
College of Science and Technology.....	285
Combined Courses.....	340
Communication .....	177
Communication (COMM).....	445

Communication Sciences and Disorders 262, 357	Curriculum in Computer Science ..... 310
Communication Sciences and Disorders (CSD) ..... 450	Curriculum in Criminal Justice ..... 195
Comprehensive Examination ..... 344	Curriculum in Early/Childhood Education Grades PK-3 ..... 237
Computer Engineering Technology Concentration ..... 313	Curriculum in Elementary Education Grades 1-5 ..... 238
Computer Science ..... 309	Curriculum in Engineering Technology ... 313
Computer Science (CMPS) ..... 456	Curriculum in English ..... 167
Computer Use Policy ..... 115	Curriculum in English Education ..... 248
Concentration in Creative Writing ..... 372	Curriculum in Family and Consumer Sciences ..... 266
Concentration in Language and Literacy 372	Curriculum in Finance ..... 219
Concentration in Professional Writing.... 373	Curriculum in Health and Physical Education Grades K-12 ..... 250
Concurrent Registration ..... 100	Curriculum in Health Education and Promotion ..... 281
Conferring of Degrees..... 126	Curriculum in History ..... 170
Construction Engineering Technology Concentration ..... 314	Curriculum in Industrial Technology ..... 318
Construction Technology (CTEC) ..... 461	Curriculum in Information Technology ... 312
Construction Technology Concentration 321	Curriculum in Kinesiology ..... 279
Core 4 Curriculum..... 92	Curriculum in Management ..... 221
Correspondence and Extension Credit ... 122	Curriculum in Marketing ..... 227
Correspondence Study ..... 339	Curriculum in Mathematics ... 326, 327, 329, 330
Cost of Meals ..... 131	Curriculum in Middle School Education Grades 4-8 ..... 239, 240, 241, 242
Counselor Education ..... 360	Curriculum in Music ..... 181
Counselor Education (CED) ..... 462	Curriculum in Occupational Safety, Health, and Environment ..... 324
Course Descriptions ..... 423	Curriculum in Physics ..... 305, 306
Course Loads ..... 340	Curriculum in Political Science ..... 172
CPA Examination ..... 217	Curriculum in Psychology ..... 189, 190, 191
Creative Writing ..... 168	Curriculum in Social Studies Education... 249
Credit Examinations ..... 118, 119	Curriculum in Social Work 268, 269, 270, 274
Credit Toward the Degree ..... 125	Curriculum in Sociology ..... 194
Criminal Justice (CJ) ..... 464	Curriculum in Spanish ..... 175
Cross-Enrollment ..... 101	Curriculum in Sport Management ..... 282
Cross-Enrollment ..... 100	Curriculum In Supply Chain Management ..... 230
Cultural Resource Management (CRMP) 466	
Cultural Resources Management/ Public History Concentration ..... 171	
Cum Laude ..... 127	
Cumulative Grade Point Average..... 110	
Curriculum and Education ..... 363	
Curriculum in Accounting ..... 218	
Curriculum in Art ..... 197	
Curriculum in Athletic Training ..... 276	
Curriculum in Biological Science ..... 292	
Curriculum in Business Administration... 225	
Curriculum in Chemistry ..... 300	
Curriculum in Communication ..... 179	
Curriculum in Communication Sciences and Disorders ..... 263	
	<b>D</b>
	Dance ..... 188
	Dance (DNC) ..... 466
	DANTES ..... 118
	Dean's List ..... 127
	Degree Grade Point Average ..... 111, 124
	Degrees ..... 80
	Department of Accounting and Finance . 217

Department of Biological Sciences .....	291
Department of Chemistry and Physics ...	299
Department of Computer Science ..	309, 321
Department of English.....	165
Department of Health and Human Sciences .....	262
Department of History and Political Science .....	169
Department of Industrial and Engineering Technology.....	313
Department of Kinesiology and Health Studies.....	275
Department of Languages and Communication .....	173
Department of Management.....	221
Department of Marketing.....	227
Department of Music and Performing Arts .....	180
Department of Psychology .....	189
Department of Sociology and Criminal Justice .....	193
Department of Teaching and Learning ...	236
Department of Visual Art + Design .	196, 207
Departmental Credit Examinations .....	118
Departmental Honors Course (ART) .....	434
Design Drafter Technology (DDT) .....	468
Developmental Course .....	94
Dismissal.....	342
DNP Curriculum .....	421
Doctor of Education.....	416
Doctor of Nursing Practice.....	419
Doctoral Program Curriculum.....	417
Document Source Print and Mail Center	153
Double Degree.....	125
Double Major, Minor .....	125
Drafting Design Concentration .....	319
Drawing Concentration.....	202
Dropping and Adding Courses .....	107
Dual Enrollment Program .....	95

## E

Early Admission .....	95
Early Childhood Education (ECE) .....	469
Early Intervention Special Education Birth-Age 5 .....	350
Earth and Space Science (ESSC & ESSL) ..	471

Ecology, Environmental, and Evolutionary Concentration .....	293
Economics (ECON) .....	471
Economics Concentration .....	226
Education (EDUC).....	474
Educational Foundations (EDF).....	485
Educational Leadership (EDL) .....	486
Educational Leadership and Technology	368
Educational Psychology (EPSY) .....	490
Educational Talent Search Program.....	97
Educational Technology (ETEC).....	491
Effective Catalogue .....	343
Elementary Education and Special Education Mild/Moderate Grades 1-5	243
E-Mail.....	90
Energy Engineering Technology Concentration .....	315
Engineering Technology.....	313
Engineering Technology (ET) .....	502
English.....	371
English (ENGL).....	494
English as a Second Language.....	236
English for International Students (EGIS) .....	501
English Proficiency .....	122
Ensemble Experience.....	180
Entrepreneurship and Small Business Management Concentration .....	221
Entry Status.....	92
Environmental Health Sciences Partnership with Tulane University .....	521
Executive MBA Program .....	355
Exercise Science Concentration .....	279

## F

FAFSA.....	140
Family and Consumer Sciences.....	264
Family and Consumer Sciences (FCS).....	507
Family Educational Rights and Privacy Act .....	127
Family Studies Concentration .....	266
Fashion Merchandising Concentration ...	265
Federal Pell Grants.....	140
Federal Perkins Loan Program .....	141
Federal Work-Study Program .....	142
Fee Schedule.....	130
Fee Waiver .....	104, 105

Fee Waiver Scholarships .....	147
Fees and Expenses .....	130
FERPA.....	128
Final Examinations.....	114
Finance (FIN).....	510
Financial Aid .....	140
Financial Management Association .....	214
Fitness and Human Performance Concentration .....	280
Foreign Language (FLAN).....	512
Foreign Language Courses .....	173
Foreign Language Resource Center .....	175
Forensic Science Concentration.....	304
French (FREN).....	513
Full-Time.....	113
Full-Time Status .....	340

**G**

GED.....	93
General Biology (GBIO & BIOL).....	514
General Business (GB) .....	522
General Education Requirements.....	123
General Management Concentration.....	222
General Studies Program .....	210
Geography (GEOG) .....	522
German (GERM).....	524
Good Standing .....	341
Grade Point Average.....	110, 111
Graduate Assistantships .....	339
Graduate Credit .....	338
Graduate Faculty Advisor Committee .....	342
Graduate Grading System.....	340
Graduate Student .....	92
Graduate Studies .....	334
Graduation Fees .....	132
Graduation Requirements .....	124
Graduation Under a Particular Catalogue .....	126
Graphic Design Concentration.....	200
Guest Student.....	92
Guest Students .....	101
Gulf Coast Research Laboratory .....	520

**H**

Health and Kinesiology .....	374
Health Education and Promotion .....	281

Health Promotion and Exercise Science ..	375
Health Studies (HS) .....	525
Health Studies Concentration .....	375
History .....	376
History (HIST) .....	533
History Concentration.....	170
Honor Roll.....	127
Honors (HONR) .....	540
Honors at Graduation .....	127
Honors before Graduation.....	126
Honors Courses.....	332
Honors Program.....	82, 331
Horticulture (HORT) .....	542
Horticulture Facilities.....	82
Housing.....	131, 149
Human Resource Management Concentration .....	223
Humanities (HUM).....	543

**I**

Industrial Technology .....	317
Industrial Technology (IT) .....	546
Information Systems Concentration .....	310
Institute for Supply Chain Management ..	215
Institute of Biodiversity and Interdisciplinary Studies .....	286
Instrumental Concentration .....	181
Instrumental Music education .....	186
Integrated Science and Technology .....	379
Integrated Science and Technology (ISAT) .....	548
Integrative Biology Concentration .....	294
Interdisciplinary Environmental Studies Program.....	286
International Initiatives.....	82
International Management Concentration .....	224
International Students .....	101
Italian (ITAL).....	549

**J**

Judicial Sanctions .....	115
Junior College Transfer Credits .....	100

**K**

Kinesiology.....	375
Kinesiology (KIN).....	550
Kinesiology Laboratory (KINL).....	556

**L**

Laboratory Courses For Health and PE	
Majors.....	557
Latin (LAT).....	558
Leadership Training (LT) .....	559
Leave of Absence.....	108
Leave of Absence from Thesis .....	344
Library Science (LS) .....	559
Library Science Administration (LSA).....	559
Library Science Education (LSED).....	560
Linus A Sims Memorial Library .....	83
Literature and Language Concentration .....	167
Livingston Parish Literacy and Technology Center .....	84
Louisiana Go Grant .....	141
Louisiana Universities Marine Consortium .....	520

**M**

M.B.A. ....	353
Magna Cum Laude.....	127
Management (MGMT).....	560
Manufacturing Technology Concentrations .....	317
Marketing (MRKT) .....	563
Marriage, Couple, and Family Counseling .....	361
Marriage, Couple, and Family Counseling (MCFC) .....	565
Master of Arts in Teaching.....	411
Master of Arts in Teaching (MAT).....	566
Master of Business Administration.....	353
Master of Education Degree in Educational Leadership.....	369
Master of Science in Nursing.....	389
Master's Degree .....	342
Math Education (MTED) .....	569
Mathematics (MATH) .....	570
Math-Science Upward Bound.....	97
MBA Society .....	215

Meal Plans .....	151
Mechanical Engineering Technology Concentration .....	316
Microbiology (MIC & MICL) .....	574
Microbiology/Molecular Biology Concentration .....	295
Military Experience.....	122
Minimum Wage .....	143
Mission .....	79
Music .....	383
Music (MUS) .....	578
Music Education .....	180
Music Therapy .....	181
Mythology (MYTH).....	584

**N**

NABA.....	215
National League for Nursing .....	118
New Media and Animation Concentration .....	201
Nursing.....	389
Nursing (NURS & NLAB) .....	584
Nutrition Concentration .....	264, 267

**O**

Occupational Safety, Health, and Environment.....	323
Occupational Safety, Health, and Environment (OSHE).....	593
Occupational Safety, Health, and Environment Concentration.....	322
Off-Campus Housing.....	149
Office of Disability Services.....	89
Office of Technology.....	87
Office of Testing.....	89
Operations Management and Information Systems (OMIS) .....	596
Organizational Communication .....	397
Out-of-State Fee Waiver .....	104

**P**

Painting Concentration .....	203
Pass-Fail Option .....	341
Payment of Fees .....	130
Pell Grant .....	140

Perkins Loan .....	141
Phi Beta Lambda .....	215
Phi Kappa Phi .....	127
Philosophy (PHIL).....	598
Photography Concentration .....	204
Physical Science (PHSC) .....	599
Physics .....	305
Physics (PHYS & PLAB).....	600
Piano Concentration.....	182
Placement in English.....	165
Placement in Mathematics .....	325
Plant Science Concentration .....	296
Political Science (POLI).....	602
Political Science/Pre-Law Concentration	303
Pre-Architecture .....	317
President's List.....	127
Printmaking Concentration.....	205
Probation.....	112, 342
Process Technology (PTEC).....	605
Proficiency .....	122
Program for Gifted-Talented Youth.....	96
Psychology.....	400
Psychology (PSYC).....	605

## R

Readmission .....	113
Readmission .....	101, 342
Readmission Student .....	92
Recitals and Concerts .....	180
Recreational Sports .....	85
Regents Core 4 Curriculum .....	94
Registration Procedures .....	29, 106
Repeat Course Policy for Financial Aid ...	140
Repeating Courses .....	110
Resignation from the University .....	108
Room Rent.....	131

## S

Safety Education (SAFT).....	610
SARTE Status.....	413
Satisfactory Academic Progress.....	143
Scholarships.....	144
Scholastic Ratings .....	109
School Counseling.....	362
School Librarians.....	236
School of Nursing.....	84, 256

Science Concentration .....	311
Scientific Computation (SC) .....	611
Sculpture Concentration.....	206, 207
Second Baccalaureate.....	125
Second Master's Degree.....	345
Social Work.....	271
Social Work (SW) .....	612
Sociology (SOC).....	614
Southeastern (SE) .....	618
Southeastern Channel .....	86
Southeastern Laboratory School .....	236
Southeastern Scholars Programs .....	97
Spanish (SPAN).....	618
Spanish Education Concentration.....	176
Special Education.....	408
Special Education (SPED) .....	619
Special Education Mild/Moderate for Middle School Grades 4-8 ..	244, 245, 246, 247
Special Program for Adults (SPA) Non- Degree.....	96
Special Projects/TRIO.....	97
Specialty Accreditations.....	81
Speech-Language-Hearing Clinic.....	262
Standardized Test .....	118, 339
Standardized Test for Admission .....	339
State Supported Scholarships .....	146
State Work Study .....	143
Student Activity Center.....	85
Student Advising.....	343
Student Advocacy and Accountability ...	115, 159
Student Assessment Activities .....	126
Student Portfolios.....	232
Student Responsibility .....	91
Student Teaching .....	234, 347, 414
Study Abroad .....	82, 173, 429, 617
Subsidized Loans.....	142
Substance Abuse Counseling (SAC).....	627
Summa Cum Laude .....	127
Summer Scholars Program .....	98
Supervision Concentration .....	320
Supply Chain Management.....	227
Suspension.....	112, 342

## T

Teacher Education .....	231
Textbook Rental.....	153

Theatre (THEA) .....	627
Theatre Laboratory Courses (TLAB) .....	628
Thesis .....	344
Thirteen Club .....	127
Time Limitations .....	342
Transcripts .....	114
Transfer Credit .....	99
Transfer Students .....	92, 98, 99
Turtle Cove .....	83, 84

## U

University Calendar .....	26, 27, 28
University Residence Halls .....	149
University Year .....	91
Unsubsidized Loan .....	142

## V

Veterans .....	122
Veterans Upward Bound .....	97
Visual Arts (ART) .....	426
Vocal Concentration .....	183, 184
Vocal Music Education .....	187
Vocational Rehabilitation .....	90

## W

Withdraw .....	116
Work-Study Program .....	142

## Z

Zoology (ZOO & ZOOL) .....	628
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