CURRICULUM IN ORGANISMAL AND INTEGRATIVE BIOLOGY

YEAR: 2008/2009		YEAR ENTERED SLU:
NAME:		W#
MAJOR HOURS (41) C or Better Core Requirements (21) GBIO 151	MATHEMATICS (8-9) MATH 161 3 (ACT< 21 MATH 155 - 5hrs) MATH 162 3 MATH 163 3 or MATH 165 and 200	SOCIAL SCIENCES (6) (Anth,Econ,Geog,Gov,Psyc,Poli,Soc)3
MIC 205 3 MICL 207 1 GBIO 200 3 GBIO 312 3 GBIO 241 1 GBIO 341 1 GBIO 441* 1	MATH 165 3 MATH 200 5 SMATH 200 5 SMATH 200 SM	PHYSICS (8) PHYS 191 3 PLAB 193 1 PHYS 192 3
Concentration Elect(20)See Attached (300/400)	or 122H 3 ENGL 230 or 231 or 232 3 ENGL 322 3	PLAB 1941
(300/400)		
(300/400)		OTHER (10-13)
(300/400)	FOR. LANGUAGES (12)1013	ART ELECTIVE (Mus,Art,Dnc,Thea)
CHEMISTRY (16) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 or 261 3 CLAB 267 or 2631 CHEM 266 or 281 3 CLAB 268 or 283 1	1023 2013 2023 ELECTIVES (8) 6 non-Biology	LS 1021
TOTAL HOURS 121-125 *Computer Literacy (GBIO 441) T=c If you have completed ZOO 102/104 and BOT 10 151/152/153/154. You must make a "C" or better Concentration Requirements: re ADDITIONAL COURSES:	1/103 with a "C" or better, these courses r in any Biology course for it to count for Group A: 12 hours required, quired, Group C: 3-4 hours AVERA HA CUM:	s may used in place of GBIO credit toward your degree Group B: 3-4 hours required GES
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(Adj)

CONCENTRATION IN ORGANISMAL AND INTEGRATIVE BIOLOGY

- I. CORE COURSES ARE REQUIRED: 21 CREDIT HOURS
- II. CONCENTRATION EMPHASIS IN ORGANISMAL AND INTEGRATIVE BIOLOGY (20 CREDIT HOURS ARE REQUIRED)

GROUP A: FORM AND FUNCTION

REQUIRED 12 HOURS

(3 or 4 courses)

ZOO 302 Comparative Anatomy 4 hrs

ZOO 331 Elementary Embryology 4 hrs

ZOO 332 Animal Histology 4 hrs

ZOO 392 Animal Physiology 4 hrs

ZOO 465 Animal Development 4 hrs

ZOO 471 Comparative Endocrinology 4 hrs

ZOO 488 Cytology 3 hrs

ZOO 499 Neurobiology 4 hrs

BOT 401 Plant Pathology 4 hrs

BOT 426 Plant Physiology 4 hrs

BOT 427 Plant Stress Ecophysiology 4 hrs

BOT 482 Plant Anatomy 4 hrs

MIC 460 Immunology 4 hrs

GBIO 314 Genetics Laboratory 2 hrs

GBIO 377 Applied Biostatistics 4 hrs

GBIO 407 Forensic Biology 4 hrs

GBIO 495 Biological Electron Microscopy 4 hrs

GROUP B: BIODIVERSITY

REQUIRED 3-4 HOURS

(1 or 2 courses)

ZOO 301 Invertebrate Zoology 4 hrs

ZOO 409 General Entomology 4 hrs

ZOO 455 Medical Parasitology 4 hrs

ZOO 456 Ichthyology 4 hrs

ZOO 458 Fisheries Ecology and Management 4 hrs

ZOO 470 Ornithology 4 hrs

ZOO 475 Animal Behavior 4 hrs

GBIO 442 Marine Biology 4 hrs

BOT 205 Introduction to Botany 4 hrs

BOT 347 Vascular Plant Systematics 4 hrs

BOT 433 Phycology 4 hrs

BOT 458 General Mycology 3 hrs

MIC 463 Virology 4 hrs

GROUP C: ECOLOGY & EVOLUTIONARY BIOLOGY REQUIRED 3-4 HOURS

GBIO 281 Environmental Awareness 3hrs

(1 or 2 courses)

GBIO 395 General Ecology 3 hrs

GBIO 397 General Ecology Laboratory 2 hrs

GBIO 404 Ecological Methods 3 hrs

GBIO 405 Evolutionary Biology 4 hrs

GBIO 406 Wetland Ecology 4 hrs

GBIO 439 Introduction to Fresh Water & Estuarine Biology 4 hrs

GBIO 481 Biogeography 3 hrs

GBIO 485 Conservation Biology 4 hrs

ZOO 352 Field Zoology 4 hrs

ZOO 453 Ecological Parasitology 4 hrs

ZOO 457 Invertebrate Ecology 4 hrs

BOT 481 Plant Ecology 4 hrs

MIC 313 Microbial Ecology 3 hrs

GROUP D: Special Topics and Research Problems -These courses may be counted toward the above categories <u>after the required</u> courses have been met. The Dept. Head must approve the category for credit before signing up. GBIO 409 Internship – Variable credits, 1 to 3 hours (Max of 3 hours); GBIO 493 Special Topics in Biology – Credits are variable, 2 to 4 hours (Max 4 hrs). GBIO 450 Research Problems – Credits are variable, 1 to 4 hours (Max 4 hrs) **GROUP E: Concentration Electives** - After taking all REQUIRED courses, you may take any of the courses listed above as a concentration elective to fulfill the 20 hour requirement.

CURRICULUM IN ECOLOGY/ENVIRONMENTAL/EVOLUTIONARY BIOLOGY

YEAR: 2008/2009 NAME:		YEAR ENTERED SLU: W#
MAJOR HOURS (41) C or Better	MATHEMATICS (8-9)	SOCIAL SCIENCES (6)
Core Requirements (21)	MATH 1613	(Anth,Econ,Geog,Gov,Psyc,Poli,Soc)
GBIO 1513	(ACT< 21 MATH 155 – 5hrs	
BIOL 1521	MATH 1623	3
GBIO 1533	MATH 1633	
BIOL 1541	or MATH 165 and 200	
MIC 2053	MATH 1653	
MICL 2071	MATH 2005	
GBIO 2003	FNOLIGII (40)	DID/CICC (0)
GBIO 3123	ENGLISH (12)	PHYSICS (8)
GBIO 241 1	ENGL 101	PHYS 191 3 1
GBIO 3411 GBIO 441* 1	or 121H3	PLAB 1931
GBIO 441*1	ENGL 102	PHYS 192 3 1
Consentuation Float(20) See Attached	or 122H3_ ENGL 230 or 231 or 232	PLAB 1941
Concentration Elect(20)See Attached		
(300/400)	3 ENGL 3223	
(300/400)		
(300/400)		
(300/400)		
		OTHER (10-13)
(300/400)	FOR. LANGUAGES (12)	ART ELEC(Mus,Art,Dnc,Thea)
	1013	3
CHEMISTRY (16)	1023	LS 1021
	3	COMM2113
CHEM 1213	2023	HIST 3
CLAB 1231		SE 1010/3
CHEM 1223	ELECTIVES (8) 6 non-biolog	У
CLAB 1241		
CHEM 261 or 2653		
CLAB 263 or 2671		
CHEM 281 or 2663		
CLAB 283 or 2681		
TOTAL HOURS 121-125		
*Computer Literacy (GBIO 441) T=cours	ses Taking rpt=repeated courses	rpt (H) = adjusted average
If you have completed ZOO 102/104 and BOT 10 151/152/153/154. You must make a "C" or better	01/103 with a "C" or better, these cours	es may used in place of GBIO
Concentration Requirements: Gr	oup A: 2 courses required,	Group B: 1 or 2 courses
required, Group C: 1 or 2		
ADDITIONAL COURSES:	-	AGES
	CI D (HE QP Average
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	(4 1:)	
	SLU:	
	(Adi)	

CONCENTRATION IN ECOLOGY, ENVIRONMENTAL AND EVOLUTIONARY BIOLOGY

- I. CORE COURSES ARE REQUIRED: 21 CREDIT HOURS
- II. CONCENTRATION EMPHASIS IN ECOLOGY, ENVIRONMENTAL AND EVOLUTIONARY BIOLOGY (20 CREDIT HOURS ARE REQUIRED) SELECTED FROM THE FOLLOWING GROUPS A, B & C DETERMINED IN CONSULTATION WITH YOUR ADVISOR.

GROUP A: Fundamental courses in Ecology, Environmental and Evolutionary Biology (you must select <a href="https://example.com/two-courses-select-two-courses-select

GBIO 281 Environmental Awareness 3 hrs

GBIO 377 Biostatistics 4 hrs

GBIO 395 General Ecology 3 hrs

GBIO 397 General Ecology Laboratory 2 hrs

GBIO 405 Evolutionary Biology 4 hrs

GBIO 485 Conservation Biology 4 hrs

BOT 481 Plant Ecology 4 hrs

MIC 313 Microbial Ecology 3 hrs

GROUP B: Form and Function (you must select ONE or TWO courses from Group B **REQUIRED**):

BOT 426 Plant Physiology 4 hrs

ZOO 302 Comparative Anatomy of the Vertebrates 4 hrs

ZOO 392 Animal Physiology 4 hrs

ZOO 471 Comparative Endocrinology 4 hrs

ZOO 475 Animal Behavior 4 hrs

ZOO 499 Neurobiology 4 hrs

MIC 460 Immunology 4 hrs

GROUP C: Advanced Courses in Ecology, Environmental and Evolutionary Biology (you must select ONE *or* TWO courses from Group C **REQUIRED**):

GBIO 406 Wetlands Ecology 4 hrs

GBIO 418 Community Ecology 4 hrs

GBIO 439 Freshwater & Estuary Biology 4 hrs

GBIO 442 Marine Biology 4 hrs

GBIO 481 Biogeography 3 hrs

ZOO 301 Invertebrate Zoology 4 hrs

ZOO 352 Field Zoology 4 hrs

ZOO 409 General Entomology 4 hrs

ZOO 453 Ecological Parasitology 4 hrs

ZOO 456 Ichthyology 4 hrs

ZOO 457 Invertebrate Ecology 4 hrs

ZOO 458 Fisheries Ecology and Management 4 hrs

ZOO 470 Ornithology 4 hrs

BOT 347 Vascular Plant Systematics 4 hrs

BOT 427 Plant Stress Ecophysiology 4 hrs

MIC 423 Environmental Microbiology 4 hrs

III. GROUP D: Special Topics and Research Problems

These courses may be counted toward the above categories <u>ONLY after the required courses have been met</u>. The Department Head must approve the category for credit before signing up.

GBIO 409 INTERNSHIP - Variable credits, 1 to 3 hours (Max of 3 hours)

GBIO 493 Special Topics in Biology - Credits are variable, 2 to 4 hours (Maximum of 4 hrs)

GBIO 450 Research Problems - Credits are variable, 1 to 4 hours (Max 4)

IV. GROUP E: Concentration Electives

After taking all REQUIRED courses, you may take any of the courses listed above as a concentration elective to fulfill the 20 hour requirement.

CURRICULUM IN MICROBIOLOGY / MOLECULAR BIOLOGY

YEAR: 2008/2009	,	YEAR EN	TERED SLU:
NAME:		W#	
MAJOR HOURS (41) C or Better	MATHEMATICS (8-9)		SCIENCES (6)
Core Requirements (21)	MATH 1613	,	Geog,Gov,Psyc,Poli,Soc)
GBIO 1513	(ACT< 21 MATH 155 – 5hrs)		3
BIOL 1521	MATH 1623		3
GBIO 1533	MATH 1633		
BIOL 1541	or MATH 165 and 200		
MIC 2053	MATH 1653		
MICL 2071	MATH 2005		
GBIO 2003			
GBIO 312 3	ENGLISH (12)	PHYSICS	(8)
GBIO 2411	ENGL 101	PHYS 191	
GBIO 3411_	or 121H 3	PLAB 193	
GBIO 441* 1	ENGL 102	_	3
<u></u>	or 122H 3	_	<u>5</u> 1
Concentration Elect(20)See Attached	ENGL 230 or 231 or 232	1 1/10 1/4	1
Concentration Elect(20)See Attached	3		
(300/400)	ENGL 3223		
(300/400)			
(300/400)			
4			
(300/400)		OTHER (1	(0-13)
(300/400)	FOR. LANGUAGES (12)	,	(Mus,Art,Dnc,Thea)
(300/400)	1013	ART Elect	(Mus,Art,Dnc,Thea)
	1013 1023	ART Elect	(Mus,Art,Dnc,Thea)31
(300/400) CHEMISTRY (20)	101 3 102 3 201 3	ART Elect LS 102 COMM21	(Mus,Art,Dnc,Thea)3113
(300/400) CHEMISTRY (20) CHEM 1213	1013 1023	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1	101 3 102 3 201 3 202 3	ART Elect LS 102 COMM21	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 1213	101 3 102 3 201 3	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1	101 3 102 3 201 3 202 3	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3	101 3 102 3 201 3 202 3	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1	101 3 102 3 201 3 202 3	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CLAB 267 1	101 3 102 3 201 3 202 3	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CHEM 265 3 CHEM 265 3	101 3 102 3 201 3 202 3	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CLAB 267 1 CHEM 266 3 CLAB 268 1	101 3 102 3 201 3 202 3	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CLAB 267 1 CHEM 266 3	101 3 102 3 201 3 202 3	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CLAB 267 1 CHEM 266 3 CLAB 268 1 CHEM 481 3 CLAB 485 1	101 3 102 3 201 3 202 3	LS 102COMM21:	(Mus,Art,Dnc,Thea) 3 1 1 3 3 3 3 3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CLAB 267 1 CHEM 266 3 CLAB 268 1 CHEM 481 3 CLAB 485 1 TOTAL HOURS 121-125	101 3 102 3 201 3 202 3 ELECTIVES (4) non-biology	ART Elect LS 102 _ COMM21: HIST _ SE 101 _	(Mus,Art,Dnc,Thea) 3 1 1 1 3 3 0/3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CLAB 267 1 CHEM 266 3 CLAB 268 1 CHEM 481 3 CLAB 485 1 TOTAL HOURS 121-125 *Computer Literacy (GBIO 441) T=cours	101 3 102 3 201 3 201 3 202 3 ELECTIVES (4) non-biology	ART Elect LS 102 COMM21: HIST SE 101 rpt (H) = a	(Mus,Art,Dnc,Thea)3111330/3
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CLAB 267 1 CHEM 266 3 CLAB 268 1 CHEM 481 3 CLAB 485 1 TOTAL HOURS 121-125 *Computer Literacy (GBIO 441)	101 3 102 3 201 3 201 3 202 3 ELECTIVES (4) non-biology es Taking rpt=repeated courses DT 101/103 with a "C" or better, the	ART Elect LS 102 COMM21: HIST SE 101 rpt (H) = acts as a courses makes	(Mus,Art,Dnc,Thea)3111330/3 djusted average ay used in place of GBIC
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CLAB 267 1 CHEM 266 3 CLAB 268 1 CHEM 481 3 CLAB 485 1 TOTAL HOURS 121-125 *Computer Literacy (GBIO 441) T=cours If you have completed ZOO 102/104 and BO 151/152/153/154 You must make a "C" or Concentration Requirements: Group A: 2	101 3 102 3 201 3 201 3 202 3 ELECTIVES (4) non-biology es Taking rpt=repeated courses DT 101/103 with a "C" or better, the better in any Biology course for it to	ART Elect LS 102 _ COMM21: HIST _ SE 101 _ rpt (H) = a se courses ma count for cre	(Mus,Art,Dnc,Thea) 3 1 1330/3 djusted average ay used in place of GBIC edit toward your degree
(300/400) CHEMISTRY (20) CHEM 121 3	101 3 102 3 201 3 201 3 202 3 SELECTIVES (4) non-biology ESTAKING rpt=repeated courses of 101/103 with a "C" or better, the better in any Biology course for it to courses required, Group B: 1 or 2 of 101/103 with a "C" or better.	ART Elect LS 102 COMM21: HIST SE 101 rpt (H) = access courses maccount for crecourses required.	(Mus,Art,Dnc,Thea) 3 1 1330/3 djusted average ay used in place of GBIC edit toward your degree
(300/400) CHEMISTRY (20) CHEM 121 3 CLAB 123 1 CHEM 122 3 CLAB 124 1 CHEM 265 3 CLAB 267 1 CHEM 266 3 CLAB 268 1 CHEM 481 3 CLAB 485 1 TOTAL HOURS 121-125 *Computer Literacy (GBIO 441) T=cours If you have completed ZOO 102/104 and BO 151/152/153/154 You must make a "C" or Concentration Requirements: Group A: 2	101 3 102 3 201 3 201 3 202 3 ELECTIVES (4) non-biology ESTAKING rpt=repeated courses DT 101/103 with a "C" or better, the better in any Biology course for it to courses required, Group B: 1 or 2 of AVERA	ART Elect LS 102 COMM21: HIST SE 101 rpt (H) = act se courses may count for cre courses required.	(Mus,Art,Dnc,Thea) 3 1 1130/3 djusted average ay used in place of GBIC edit toward your degree ired, Group C: 1 or 2
(300/400) CHEMISTRY (20) CHEM 121 3	101 3 102 3 201 3 201 3 202 3 ELECTIVES (4) non-biology ESTAKING rpt=repeated courses OT 101/103 with a "C" or better, the better in any Biology course for it to courses required, Group B: 1 or 2 of AVERA HA	ART Elect LS 102 COMM21: HIST SE 101 rpt (H) = access courses maccount for crecourses required.	(Mus,Art,Dnc,Thea) 3 1 1130/3 djusted average ay used in place of GBIC edit toward your degree ired, Group C: 1 or 2
(300/400) CHEMISTRY (20) CHEM 121 3	101 3 102 3 201 3 202 3 ELECTIVES (4) non-biology ESTAKING rpt=repeated courses OT 101/103 with a "C" or better, the better in any Biology course for it to courses required, Group B: 1 or 2 or AVERA HA CUM:	ART Elect LS 102 COMM21: HIST SE 101 rpt (H) = a se courses macount for crecourses required. AGES HE QI	(Mus,Art,Dnc,Thea) 3 1 1130/3 djusted average ay used in place of GBIC edit toward your degree ired, Group C: 1 or 2
(300/400) CHEMISTRY (20) CHEM 121 3	es Taking rpt=repeated courses T 101/103 with a "C" or better, the better in any Biology course for it to courses required, Group B: 1 or 2 of AVERA HA CUM:	ART Elect LS 102 COMM21: HIST SE 101 SE 201	(Mus,Art,Dnc,Thea) 31 13
(300/400) CHEMISTRY (20) CHEM 121 3	es Taking rpt=repeated courses T 101/103 with a "C" or better, the better in any Biology course for it to courses required, Group B: 1 or 2 or AVERA HA CUM: (Adj)	ART Elect LS 102 COMM21: HIST SE 101 rpt (H) = a se courses macount for crecourses required.	(Mus,Art,Dnc,Thea) 3 1 13
(300/400) CHEMISTRY (20) CHEM 121 3	es Taking rpt=repeated courses Taking rpt=repeated courses T 101/103 with a "C" or better, the better in any Biology course for it to courses required, Group B: 1 or 2 or AVERA HA CUM: (Adj) MAJOR	ART Elect LS 102 COMM21: HIST SE 101 rpt (H) = act se courses may count for cree courses required. AGES HE QI	(Mus,Art,Dnc,Thea) 31 1 130/30/3
(300/400) CHEMISTRY (20) CHEM 121 3	es Taking rpt=repeated courses Total 101	ART Elect LS 102 COMM21: HIST SE 101 rpt (H) = act se courses may count for cree courses required. AGES HE QI	(Mus,Art,Dnc,Thea) 3 1 13

CONCENTRATION IN MICROBIOLOGY/MOLECULAR BIOLOGY

- I. CORE COURSES ARE REQUIRED: 21 credit hours
- II. Concentration Emphasis in Microbiology and Molecular Biology (20 credit hours) from the following groups determined in consultation with advisor when there is a choice (such as Group B & C).

GROUP A: GROWTH KINETICS AND METABOLISM

REQUIRED 8 Hours

Both of the following courses are required:

(2 courses)

MIC 325 Advanced General Microbiology 4 hrs

MIC 461 Bacterial Metabolism 4 hrs

GROUP B: MOLECULAR/CELLULAR BIOLOGY

REQUIRED 4 to 8 Hours

(1 or 2 courses)

Choose ONE or TWO courses from the following:

MIC 460 Immunology 4 hrs

MIC 463 Virology 4 hrs

MIC 465 Recombinant DNA Techniques 4 hrs

GROUP C: APPLIED, ENVIRONMENTAL, ECOLOGY

REQUIRED 4 to 8 Hours

(1 or 2 courses)

Choose ONE or TWO courses from the following:

MIC 313 Microbial Ecology 3 hrs

MIC 336 Pathogenic Microbiology 4 hrs

MIC 338 Soil Microbiology 4 hrs

MIC 423 Environmental Microbiology 4 hrs

MIC 457 Dairy and Food Microbiology 4 hrs

GROUP D: SPECIAL TOPICS AND RESEARCH PROBLEMS

These courses may be counted toward the above categories except Group A <u>ONLY after</u> the required courses have been met. Your advisor must approve the category for credit before signing up.

GBIO 409 INTERNSHIP - Variable credits, 1 to 3 hours (Max of 3 hours)

GBIO 493 SPECIAL TOPICS IN BIOLOGY - Credits are variable, 2 to 4 hours (Max 4)

GBIO 450 RESEARCH PROBLEMS - Credits are variable, 1 to 4 hours (Max 4)

GROUP E: CONCENTRATION ELECTIVES

After taking all REQUIRED courses, you may take any of the courses listed above as a concentration elective to fulfill the 20 hour requirement.

CURRICULUM IN HORTICULTURE

YEAR: 2008/2009	YEAR ENTERED SLU:			
NAME:	W#			
HORTICULTURE (33)	CHEMISTRY (12)	SOCIAL SCIENCES (6) (Anth,Econ,Geog,Gov,Psyc,Poli,Soc)		
HORT 232* 3	CHEM 101 or1213	3		
HORT 301 4	CLAB 103 or 123 1	3		
HORT 328 3	CHEM 102 or122 3			
HORT 315 3	CLAB 104 or 124 1			
HORT320 4	CHEM 261 or 265 3	MATHEMATICS (9)		
	CLAB 263 or 2671	MATH 1613		
HORT495 1	CEARS 203 OF 207T	(ACT<21 MATH 155 – 5h		
HORT 3		MATH 162 3		
300/400		MATH 102 5 MATH 241 or		
HORT 3	ENGLISH (9)	MGMT2613		
	ENGLISH (9)	MGM12013		
300/400	FNCI 101 - 121H 2	OTHER (0)		
HORT 3	ENGL 101 or 121H 3	OTHER (9)		
300/400	ENGL 102 or 122H 3	A DITTO EL EG		
HORT33	ENGL 230 or 231or 232	ARTS ELEC(Mus,Art,Dnc,Thea)		
300/400	3	COMM211 3 3		
HORT 3				
300/400		HIST 201 or 202		
	BUSINESS (9)	3		
BIOLOGY (24)				
	ACCT 200 3	ELECTIVES (9)		
GBIO 151 3	MGMT 351 3	. ,		
BIOL 152 1	MRKT 303 3			
BOT 426 4				
BOT 401 4	ORIENTATION (0-3)			
MIC 205 3	SE 101 0/3			
MICL 207 1	SE 101 0/3			
GBIO 153 3				
				
BIOL 1541				
ZOO 309 4				
TOTAL HOURS: Computer Literacy – HORT 232	120 - 123 (rpt) = repeated courses	` '		
ADDITIONAL COURGES	A * 2777	D A CEC		
ADDITIONAL COURSES:		RAGES		
	HA HE	QP AVERAGE		
	CUM:			
	(Adj)			
	MAJOR			
	(Adj)			
	\ "3/			
	SLU:			
	(Adj)			
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^{**}If you have completed ZOO 102/104 and BOT 101/103, these 4 courses may be used in place of GBIO 151/152/153/154