

BS in Mathematics - Pure Mathematics Concentration

College of Science & Technology

NAME:				W#:				
	Grade	Hrs	QP	Minimum Grade of D Required:	Grade	Hrs	QP	Minimum Grade of C required:
ENGLISH (9 hrs)				ENGL 101: Freshman Comp (3 hrs)				MATH 200: Calculus I (5 hrs)
				ENGL 102: Critical Reading & Writing (3 hrs)				MATH 201: Calculus II (5 hrs)
				ENGL 230, 231, or 232: Lit (3 hrs)				MATH 223: Discrete Math (3 hrs)
NATURAL SCIENCES (19 hrs)				GBIO 151: General Biology I (3 hrs)				MATH 312: Calculus III (3 hrs)
				BIOL 152: General Biology Lab I (1 hr)				MATH 350: Differential Eqns (3 hrs)
				CHEM 121: General Chemistry I (3 hrs)				MATH 360: Linear Algebra (3 hrs)
				CLAB 123: General Chem Lab I(1 hr)				MATH 370: Abstract Algebra I (3 hrs)
				PHYS 221: General Physics (3 hrs)				MATH 380: Math Statistics I (3 hrs)
				PLAB 223: General Physics Lab (1 hr)				MATH 441: Intro Real Analysis (3 hrs)
				Science Course Lecture II¹ (3 hrs)				MATH 402 or 409 or 421 or 480: (3 hrs)
				Science Course Lab II¹ (1 hr)				MATH 400-level elective⁵: (3 hrs)
				¹ Must choose Biology 153/154 or Chemistry 122/124 or Physics 222/224 to complete a one-year science sequence.				MATH 400-level elective⁵: (3 hrs)
				Science Elective² (3 hrs)				MATH 400-level elective⁵: (3 hrs)
			² 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.				CMPS (300- or 400-) or MATH (400-level) Elective⁵ (3 hrs)	
							⁵ MATH 467, 485, and 486 may not be used to satisfy this requirement.	
OTHER (22 hrs)				COMM 211: Introduction to Public Speaking (3 hrs)	Minimum Grade of D Required:			
				ECON 102 or 201 or 202 (3 hrs)				CMPS 161: Algorithm Design & Implementation I (3 hrs)
				ART, DNCE, MUS, or THEA (3 hrs)				CMPS 280: Algorithm Design & Implementation II (3 hrs)
				HIST Elective (3 hrs)				FLAN 101 (3 hrs)
				HIST Elective (3 hrs)				FLAN 102 (3 hrs)
				Social Science³ (3 hrs)				Free Elective (3 hrs)
				³ Social Science Choices: Anthropology, Criminal Justice, Geography, Psychology, Political Science, or Sociology.				Free Elective (3 hrs)
				SE 101 or Free Elective⁴ (2 hrs)				Free Elective (3 hrs)
				⁴ SE 101 is not required of transfer or re-admitted Southeastern students with 30 hours or more.				Free Elective (3 hrs)
				Kinesiology Laboratory (1 hr)				
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MATHEMATICS (43 hrs)

TECHNICAL (15 hrs)

ELECTIVES (12 hrs)