

# BS in Mathematics - Mathematics Education 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)				<b>ENGL 101:</b> Freshman Comp (3 hrs)				<b>MATH 200:</b> Calculus I (5 hrs)	MATHEMATICS (43 hrs)
				<b>ENGL 102:</b> Critical Reading & Writing (3 hrs)				<b>MATH 201:</b> Calculus II (5 hrs)	
				<b>ENGL 230, 231, <u>or</u> 232:</b> Lit (3 hrs)				<b>MATH 223:</b> Discrete Math (3 hrs)	
NATURAL SCIENCES (12 hrs)				<b>GBIO 151:</b> General Biology I (3 hrs)				<b>MATH 309:</b> College Geometry (3 hrs)	
				<b>BIOL 152:</b> General Biology Lab I (1 hr)				<b>MATH 311:</b> History of Math (3 hrs)	
				<b>CHEM 121</b> or <b>PHYS 221:</b> (3 hrs)				<b>MATH 312:</b> Calculus III (3 hrs)	
				<b>CLAB 123</b> or <b>PLAB 223:</b> (1 hr)				<b>MATH 360:</b> Linear Algebra (3 hrs)	
				<b>Science Course Lecture II</b> <sup>1</sup> (3 hrs)				<b>MATH 370:</b> Abstract Algebra I (3 hrs)	
				<b>Science Course Lab II</b> <sup>1</sup> (1 hr)				<b>MATH 380:</b> Math Statistics I (3 hrs)	
					<sup>1</sup> Must choose Biology 153/154 or Chemistry 122/124 or Physics 222/224 to complete a one-year science sequence.				
EDUCATION (36 hrs)				<b>Minimum Grade of C Required:</b>				<b>MATH 400-level elective</b> <sup>2</sup> : (3 hrs)	
				<b>MTED 386:</b> Methods for School Mathematics (3 hrs)				<b>MATH 400-level elective</b> <sup>2</sup> : (3 hrs)	
				<b>EDUC 202:</b> Intro to Education (3 hrs)				<b>MATH 486:</b> Capstone in Math (3 hrs)	
				<b>EDUC 316:</b> Classroom Management for Secondary Teachers (3 hrs)				<sup>5</sup> MATH 447 may not be used to satisfy this requirement.	
				<b>EDUC 407:</b> Tests, Measurements (3 hrs)	<b>Minimum Grade of D Required:</b>				
				<b>EDUC 472:</b> Teaching Reading in Content Areas (3 hrs)				<b>COMM 210:</b> Communicating in the Classroom (3 hrs)	
				<b>EDUC 485:</b> Special Methods in High School Subjects (3 hrs)				<b>POLI 201:</b> American Politics (3 hrs)	
				<b>EDUC 453:</b> Students Teaching I in the PK-12 Schools (6 hrs)				<b>PYSC 101:</b> General Psychology I (3 hrs)	
				<b>EDUC 486:</b> Student Teaching II: Secondary Schools (9 hrs)				<b>ART, DNCE, MUS, or THEA</b> (3 hrs)	
				<b>SPED 200:</b> Characteristics Individuals with Exceptionalities (3 hrs)				<b>HIST</b> Elective (3 hrs)	
							<b>Free Elective</b> (3 hrs)		
							<b>SE 101 or Free Elective</b> <sup>3</sup> (2 hrs)		
				<sup>3</sup> SE 101 is not required of transfer or re-admitted Southeastern students with 30 hours or more.					