



**MY DEGREE MAP**  
**COLLEGE OF EDUCATION PROVISIONAL ACADEMIC PLAN**  
**MATHEMATICS EDUCATION MAJOR – PROGRAM YEAR 2018-19**

\*THIS DOCUMENT IS PENDING STATE DEPARTMENT OF EDUCATION REVIEW\*

NOTE: THE INFORMATION PROVIDED THROUGHOUT THIS DOCUMENT IS SUBJECT TO CHANGE DUE TO CHANGES IN ALABAMA STATE DEPARTMENT GUIDELINES.

	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5			
	<b>1<sup>ST</sup> YEAR</b>	TROY 1101	1	ENG 1102/04	3	AREA II LIT COURSE	3	MTH 2227	4	AREA IV SS COURSE	3	
ENG 1101/03		3	MTH 1125	4	MTH 1126	4	AREA IV SS COURSE	3	AREA II HUM/FA COURSE	3		
AREA II FINE ARTS COURSE		3										
TOTAL		7	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	6		
<b>FALL SEMESTER</b>				<b>SPRING SEMESTER</b>				<b>SUMMER SEMESTER</b>				
TROY 1101		1	AREA II FINE ARTS COURSE	3	ENG 1102/04	3	AREA II HUM/FA COURSE	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN			
ENG 1101/03		3	AREA IV SS COURSE	3	MTH 2210	3						
MTH 1125		4	AREA IV SS COURSE	3	AREA IV SS COURSE	3						
					MTH 1126	4						
TOTAL		TOTAL 17				TOTAL 16						
<b>2<sup>ND</sup> YEAR</b>	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5			
	AREA III SCI/LAB COURSE	3/1	MTH 3325	3	AREA II HUM/FA COURSE	3	MTH 4441	3	AREA IV HIS COURSE	3		
	MTH 3318	3	AREA IV SS COURSE	3	MTH 3331	3	AREA III SCI/LAB COURSE	3/1	MTH 2220	3		
					MTH 2210	3						
	TOTAL	7	TOTAL	6	TOTAL	9	TOTAL	7	TOTAL	6		
	<b>FALL SEMESTER</b>				<b>SPRING SEMESTER</b>				<b>SUMMER SEMESTER</b>			
	AREA II LIT COURSE	3	AREA III SCI/LAB COURSE	3/1	AREA IV HIS COURSE	3	MTH 3325	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN			
	MTH 3318	3	MTH 3331	3	AREA III SCI/LAB COURSE	3/1	MTH 3350	3				
	MTH 2227	4			MTH 2220	3						
TOTAL	TOTAL 17				TOTAL 16							
<b>3<sup>RD</sup> YEAR</b>	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5			
	APPROVED MAJ ELEC	3	MTH 3350	3	EDU 3305	3	MTH 4424	3	EDU 3303	3		
	EDU 3310	3	EDU 4400	3	MTH 4451	3	RED 4401	3	SPE 3340	3		
	MTH 3311	3										
	ADMIT TO TEP TOTAL	9	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6		
	<b>FALL SEMESTER</b>				<b>SPRING SEMESTER</b>				<b>SUMMER SEMESTER</b>			
	MTH 4451	3	EDU 4400	3	MTH 3311	3	RED 4401	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN			
	APPROVED MAJ ELEC	3	EDU 3305	3	AREA II HUM/FA COURSE	3	SPE 3340	3				
	EDU 3310	3			EDU 3303	3						
ADMIT TO TEP TOTAL	TOTAL 15				TOTAL 15							
<b>4<sup>TH</sup> YEAR</b>	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5			
	APPROVED MAJ ELEC	3	MTH 4481	3	SED 4454		SED 4454 (CONTINUED)	3				
			EDU 4471	3	MTH 4474		MTH 4474 (CONTINUED)	9				
	TOTAL	3	TOTAL	6	FILE YOUR INTENT TO GRADUATE				TOTAL	12		
	<b>FALL SEMESTER</b>				<b>SPRING SEMESTER</b>				<b>SUMMER SEMESTER</b>			
	MTH 4424	3	EDU 4471	3	SED 4454	3			SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN			
	MTH 4441	3	MTH 4481	3	MTH 4474	9						
	APPROVED MAJ ELEC	3										
FILE YOUR INTENT TO GRADUATE				TOTAL 15				TOTAL 12				
TOTAL PROGRAM 123												



## COLLEGE OF EDUCATION PROVISIONAL ACADEMIC PLAN MATHEMATICS EDUCATION MAJOR – PROGRAM YEAR 2018-19

COMPLETE ALL REQUIREMENTS (49 HOURS)

### AREA I

(MINIMUM GRADE OF 'C' REQUIRED)

ENG 1101 COMP AND MODERN ENGLISH I 3 HOURS  
 ENG 1102 COMP AND MODERN ENGLISH II 3 HOURS

### AREA II

TAKE ANY 1000-2000 LEVEL COURSE IN LITERATURE 3 HOURS

TAKE ANY 1000-2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA. 3 HOURS

TAKE ANY TWO 1000-2000 LEVEL COURSES WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/FINE ARTS AREAS. 6 HOURS

NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

### AREA III

MTH 1125 CALCULUS I (MINIMUM GRADE OF 'C' REQUIRED) 4 HOURS

TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS AND CORRESPONDING LAB BOTH REQUIRED) FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. SELECT 2: BIO-1100/L100, BIO 1101/L101, BIO 2202/L202, BIO 2229/L229, CHM 1115/L115, CHM 1142/L142, CHM 1143/L143, CHM 2242/L242, PHY 2252/L252, PHY 2253/L253, PHY 2262/L262, PHY 2263/L263, SCI 2233/L233, SCI 2234/L234. 8 HOURS

### AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY. 3 HOURS

TAKE ANY THREE 1000-2000 LEVEL COURSES FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS. 9 HOURS

NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

### AREA V

MTH 2210 INTRODUCTORY STATISTICS 3 HOURS  
 MTH 2220 COMPUTER PROGRAMMING FOR MATHEMATICS 3 HOURS  
 TROY 1101 UNIVERSITY ORIENTATION 1 HOURS





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MATHEMATICS COURSES (38 HOURS)  
2.75 GPA REQUIRED

(MINIMUM GRADE OF 'C' REQUIRED)

MTH 1126	CALCULUS II	4 HOURS
MTH 2227	CALCULUS III	4 HOURS
MTH 3311	DIFFERENTIAL EQUATIONS	3 HOURS
MTH 3318	INTRO TO ADVANCED MATHEMATICS	3 HOURS
MTH 3331	LINEAR ALGEBRA	3 HOURS
MTH 3325	COLLEGE GEOMETRY	3 HOURS
MTH 4424	REAL ANALYSIS I	3 HOURS
MTH 4441	ABSTRACT ALGEBRA I	3 HOURS
MTH 3350	STATISTICAL METHODS AND COMPUTATIONS	3 HOURS
MTH 4451	MATHEMATICAL STATISTICS I	3 HOURS

SELECT 6 ADDITIONAL HOURS OF UPPER-LEVEL, ADVISOR-APPROVED MATHEMATICS COURSES (MINIMUM GRADE OF 'C' REQUIRED) 6 HOURS

PROFESSIONAL STUDIES (36 HOURS)

(MINIMUM GRADE OF 'C' REQUIRED)

EDU 3310	INTRODUCTION TO EDUCATION	3 HOURS
EDU 4400	CLASSROOM MANAGEMENT	3 HOURS
EDU 4471	CURRICULUM & INSTRUCTION DELIVERY	3 HOURS
EDU 3305	TEACHING WITH TECHNOLOGY	3 HOURS
EDU 3303	EDUCATIONAL PSYCHOLOGY & CLASSROOM ASSESSMENT	3 HOURS
SPE 3340	DIVERSE LEARNERS	3 HOURS
RED 4401	READING IN THE CONTENT AREA	3 HOURS
MTH 4481	METHODS & MATERIALS	3 HOURS
SED 4454	INTERNSHIP SEMINAR	3 HOURS
MTH 4474	INTERNSHIP IN SECONDARY EDUCATION	9 HOURS