

MY DEGREE MAP COLLEGE OF EDUCATION PROVISIONAL ACADEMIC PLAN MATHEMATICS EDUCATION MAJOR – PROGRAM YEAR 2017-18

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			
	1ST YEAR	TROY 1101	1	ENG 1102/04	3	HIS 1112	3	IS 2241	3	AREA II HUM/FA COURSE	3	
ENG 1101/03		3	HIS 1111	3	AREA III SCI/LAB COURSE	3/1	AREA IV SS COURSE (PSY 2210 DR)	3	AREA IV SS COURSE	3		
AREA III MTH COURSE		3										
TOTAL		7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	6		
FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER				
TROY 1101		1	AREA IV SS COURSE	3	ENG 1102/04	3	HIS 1112	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	HIS 1111	3	AREA III SCI/LAB COURSE	3/1							
AREA III MTH COURSE	3	AREA II HUM/FA COURSE	3	AREA IV SS COURSE (PSY 2210 DR)	3							
				IS 2241	3							
		TOTAL	16			TOTAL	16					
2ND YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5			
	AREA II LIT COURSE	3	AREA IV HIS SEQ COURSE	3	AREA IV HIS SEQ COURSE	3	REQ MAJ COURSE	3	APPROVED MAJ ELEC	3		
	AREA III SCI/LAB COURSE	3/1	GEO 2210	3	AREA II FINE ARTS COURSE	3	EDU 3310	3	APPROVED MAJ ELEC	3		
			AREA II HUM/FA COURSE	3								
	TOTAL	7	TOTAL	9	TOTAL	6	ADMIT TO TEP	6	TOTAL	6		
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER			
AREA II LIT COURSE	3	GEO 2210	3	AREA IV HIS SEQ COURSE	3	REQ MAJ COURSE	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN				
AREA III SCI/LAB COURSE	3/1	APPROVED MAJ ELEC	3	AREA II FINE ARTS COURSE	3	APPROVED MAJ ELEC	3					
AREA IV HIS SEQ COURSE	3			AREA II HUM/FA COURSE	3	EDU 3310	3					
		TOTAL	16	ADMIT TO TEP		TOTAL	18					
3RD YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5			
	REQ MAJ COURSE	3	REQ MAJ COURSE	3	APPROVED MAJ ELEC	3	REQ MAJ COURSE	3	APPROVED MAJ ELEC	3		
	EDU 3303	3	EDU 4400	3	EDU 3305	3	RED 4401	3	APPROVED MAJ ELEC	3		
					SPE 3340	3						
	TOTAL	6	TOTAL	6	TOTAL	9	TOTAL	6	TOTAL	6		
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER			
REQ MAJ COURSE	3	EDU 4400	3	REQ MAJ COURSE	3	SPE 3340	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN				
REQ MAJ COURSE	3	EDU 3305	3	APPROVED MAJ ELEC	3	RED 4401	3					
APPROVED MAJ ELEC	3	EDU 3303	3	APPROVED MAJ ELEC	3							
		TOTAL	18			TOTAL	15					
4TH YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5			
	SS 4499	3	APPROVED MAJ ELEC	3	SED 4454		SED 4454 (CONTINUED)	3				
	APPROVED MAJ ELEC	3	SS 4481	3	SS 4474		SS 4474 (CONTINUED)	9				
	EDU 4471	3										
	TOTAL	9	TOTAL	6	FILE YOUR INTENT TO GRADUATE				TOTAL	12		
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER			
SS 4499	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				
APPROVED MAJ ELEC	3	SS 4481	3	SS 4474	9							
APPROVED MAJ ELEC	3											
		TOTAL	15			TOTAL	12					

TOTAL PROGRAM 126



COLLEGE OF EDUCATION PROVISIONAL ACADEMIC PLAN
MATHEMATICS EDUCATION MAJOR – PROGRAM YEAR 2017-18

COMPLETE ALL REQUIREMENTS (49 HOURS)

DR DENOTES A DEPARTMENTAL RECOMMENDED COURSE

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 4 HOURS
(MINIMUM GRADE OF 'C' REQUIRED)

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

EVERY REASONABLE ATTEMPT TO ENSURE ACCURACY HAS BEEN MADE. SOME COURSES (SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES) ARE NOT REFLECTED IN THIS DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR FOR EACH STUDENT. A MINIMUM OF 120 HOURS IS REQUIRED FOR ALL BACCALAUREATE DEGREE PROGRAMS. AT LEAST 25% OF THE CREDIT HOURS REQUIRED FOR THE DEGREE MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY. AT LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN EACH MAJOR FIELD(S) OF STUDY. A MINIMUM GPA OF 2.0 OVERALL AND IN THE MAJOR IS REQUIRED TO GRADUATE. NOTE: PLEASE CONSULT THE COLLEGE OF EDUCATION OR CURRENT CATALOG FOR OTHER REQUIREMENTS NOT COVERED IN THIS DOCUMENT. NOTES: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.



COLLEGE OF EDUCATION PROVISIONAL ACADEMIC PLAN
MATHEMATICS EDUCATION MAJOR – PROGRAM YEAR 2017-18

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 4451	MATHEMATICAL STATISTICS I	3 HOURS
MTH 4452	MATHEMATICAL STATISTICS II	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