

# MY DEGREE MAP COLLEGE OF EDUCATION APPROVED ACADEMIC PLAN MATHEMATICS EDUCATION MAJOR-PROGRAM YEAR 2020-2021

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

	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
1 <sup>st</sup> Year	AREA II FINE Arts course	3	ENG 1102/04	3	AREA II LIT Course	3	MTH 2227	4	AREA II HUM/FA Course	3
	ENG 1101/03	3	MTH 1125	4	MTH 1126	4	MTH 3318	3	AREA IV SS Course	3
	TROY 1101	1					TELL IN STATE		and the truth	
	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	6
2 <sup>ND</sup> YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	MTH 3331	3	AREA IV SS Course	3	AREA II HUM/FA Course	3	AREA IV SS COURSE	3	AREA IV HIS Course	3
	AREA III SCI/LAB Course	3/ 1	MTH 3325	3	STAT 2210	3	AREA III SCI/LAB Course	3/ 1	MTH 2220	3
				4.4						
	TOTAL	7	TOTAL	6	TOTAL	6	TOTAL	7	TOTAL	6
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	MTH 3311	3	MTH 4441	3	SPE 3340	3	STAT 4451	3	RED 4401	3
3 <sup>RD</sup>	EDU 3310	3	EDU 3305	3	MTH 4424	3	EDU 3303	3	EDU 4400	3
YEAR	A. La Steader	0.7	STAT 3350	3	APPROVED MTH/STAT ELEC	3			1. St. St. Barn	112
	TOTAL	6	TOTAL	9	TOTAL	9	TOTAL	6	TOTAL	6
	ADMIT TO TEP		the factor and the		A CONTRACTOR OF A				A ALL DE CALLER DE C	
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
4 <sup>тн</sup> YEAR	APPROVED MTH/STAT ELEC	3	EDU 4471	3	SED 4454		SED 4454 (Continued)	3		
	MTH 4481 (FA SEM)	3	MTH 4481 (FA SEM CONT)		MTH 4474	II.	MTH 4474 (Continued)	9	CV II LAND	
	PRAXIS II: CONTENT AREA Exam				SUBMIT GRADUATION APPLICATION		Collar States			36
	TOTAL	6	TOTAL	3			TOTAL	12		
	TOTAL PROGRAM 123									

## UNIVERSITY TM College of Education Approved Academic Plan Mathematics Education Major-Program year 2020-2021

#### COMPLETE ALL REQUIREMENTS

AREA I

**DY** 

(49 HOURS)

TAKE THE FOLLOWING COURSES: Eng 1101 comp and modern English I Eng 1102 comp and modern English II Minimum grade of "C" Req.	3 HOURS 3 HOURS				
AREA II					
TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE Take Art 1133, mus 1131, or the 1130 Take two additional courses from the humanities/fine arts from the following: Com 2241, Eng 2205, Eng 2206, Eng 2211, Eng 2212, Eng 2244, Eng 2245, Phi 2203, Phi 2204, Rel 2280, Spn 1141, Spn 1142, or advisor approved courses (requiring substitution forms).	3 HOURS 3 Hours 6 Hours				
AREA III					
MTH 1125 CALCULUS I					
MINIMUM GRADE OF "C" REQ TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS AND CORRESPONDING LAB) FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. SELECT 2: BIO 1100/L100, BIO 1101/L101, BIO 1120/L120, 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 1110/L110, SCI 2233/L233, SCI 2234/L234, SCI 2240/L240.					
AREA IV					
TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY. Take three 1000-2000 Level Course from the following social Science Disciplines: Anthropology, Economics, Geography, History, Political Science, Psychology, Sociology, LDR 1100, or Advisor Approved Courses (Requiing Substitution Forms)					
AREAV					
TROY1101THE UNIVERSITY EXPERIENCESTAT2210INTRODUCTORY STATISTICSMTH2220COMPUTER PROGRAMMING FOR MATHEMATICS	1 HOUR 3 Hours 3 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. COMPLE-TION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR FOR EACH STUDENTA 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. PLEASE CONSIDER THIS REQUIREMENT. WHEN SELECTING COURSE-WORK IN AREAS II OR IV.

## UNIVERSITY TM College of Education Approved Academic Plan Mathematics Education Major-Program year 2020-2021

### MATHEMATICS COURSES

**DY** 

(38 HOURS)

		OVERALL GPA REQUIRED						
TAKE 7	TAKE THE FOLLOWING COURSES:							
(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					
STAT	3350	STATISTICAL METHODS AND COMPUTATIONS	3 HOURS					
STAT	4451	MATHEMATICAL STATISTICS I	3 HOURS					
SELEC	SELECT 6 ADDITIONAL HOURS OF UPPER-LEVEL, ADVISOR-							
APPRC	SELECT 6 ADDITIONAL HOURS OF UPPER-LEVEL, ADVISOR- Approved mathematics or statistics courses							
(MINIMUM GRADE OF 'C' REQUIRED)								
PROFESSIONAL STUDIES								

(MINII	MUM GRAL	JE OF C REQUIRED)	
EDU	3310	INTRODUCTION TO EDUCATION	3 HOURS
EDU	4400	CLASSROOM MANAGEMENT	3 HOURS
EDU	4471	CURRICULUM & INSTRUCTIONAL DELIVERY	3 HOURS
EDU	3305	TEACHING WITH TECHNOLOGY	3 HOURS
EDU	3303	EDUCATIONAL PSYCHOLOGY & ASSESSMENT	3 HOURS
SPE	3340	DIVERSE LEARNERS	3 HOURS
RED	4401	READING IN CONTENT AREAS	3 HOURS
MTH	4481	METHODS AND MATERIALS	3 HOURS
SED	4454	INTERNSHIP SEMINAR FOR SEC. ED. (MUST BE TAKEN WITH INTERNSHIP)	3 HOURS
MTH	4474	INTERNSHIP IN MATHEMATICS EDUCATION	9 HOURS

MY DEGREE MAP SERVES AS A GUIDE TO ASSIST YOU WITH THE PROPER SEQUENCE AND SELECTION OF COURSES. IT DOES NOT REPLACE YOUR PROGRAM EVALUATION (AVAILABLE THROUGH TROJAN WEB EXPRESS), WHICH DEPICTS THE OFFICIAL DOCUMENT USED TO CLEAR STUDENTS FOR GRADUATION. MY DEGREE MAP INCLUDES THE REQUIRED COURSE WORK AND SUGGESTED SEQUENCE OF COURSES FOR A PARTICULAR DEGREE PROGRAM. EVERY REASONABLE ATTEMPT HAS BEEN MADE TO ENSURE ACCURACY OF CONTENT. PLEASE KEEP IN MIND THAT SOME COURSES. SUCH AS DEVELOPMENTAL OF PRE-REQUISITE COURSES, ARE NOT REFLECTED IN MY DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR UNDER WHICH YOU WERE ADMITTED TO TROY. PLEASE CONSULT THE COLLEGE CATALOG, YOUR ACADEMIC ADVISOR, YOUR SPECIFIC SCHOOL, DEPARTMENT, OR YOUR PROGRAM EVALUATION FOR ANY ADDITIONAL REQUIREMENTS.