TROY UNIVERSITY ™

MY DEGREE MAP
COLLEGE OF EDUCATION APPROVED ACADEMIC PLAN
MATHEMATICS EDUCATION MAJOR—PROGRAM YEAR 2019-2020
THIS DOCUMENT IS PENDING STATE DEPARTMENT OF EDUCATION REVIEW

1ST YEAR

TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
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								
TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	6

2ND 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
TOTAL	7	TOTAL	6	TOTAL	6	TOTAL	7	TOTAL	6

3RD YEAR

TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
APPROVED MTH/STAT ELEC	3	MTH 4441	3	EDU 3305	3	STAT 4451	3	EDU 3303	3
EDU 3310	3	EDU 4400	3	MTH 4424	3	RED 4401	3	SPE 3340	3
MTH 3311	3			STAT 3350	3				
TOTAL	9	TOTAL	6	TOTAL	9	TOTAL	6	TOTAL	6

ADMIT TO TEP

4TH YEAR

TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
APPROVED MTH/STAT ELEC	3	MTH 4481	3	SED 4454		SED 4454 (CONTINUED)	3		
		EDU 4471	3	MTH 4474		MTH 4474 (CONTINUED)	9		
				SUBMIT GRADUATION APPLICATION					
TOTAL	3	TOTAL	6			TOTAL	12		

TOTAL PROGRAM 123

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COLLEGE OF EDUCATION APPROVED ACADEMIC PLAN
MATHEMATICS EDUCATION MAJOR-PROGRAM YEAR 2019-2020

COMPLETE ALL REQUIREMENTS   **(49 HOURS)**

AREA I

TAKE THE FOLLOWING COURSES:

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

MINIMUM GRADE OF "C" REQ_

AREA II

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

TAKE ANY TWO 1000 2000 LEVEL COURSES WITH AN EXPANDED   6 HOURS
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.

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" REQ_
TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS   8 HOURS
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 2233/L233,
SCI 2234/L234, SCI 2240/L240.

AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY.   3 HOURS
TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL   9 HOURS
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.

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

AREA V

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

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COLLEGE OF EDUCATION APPROVED ACADEMIC PLAN
MATHEMATICS EDUCATION MAJOR-PROGRAM YEAR 2019-2020

MATHEMATICS COURSES   **(38 HOURS)**
MINIMUM 2.75 OVERALL GPA REQUIRED

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

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

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 & 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