



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 | |
|--------------------------------|--------------------------------|--------------------------|------------------------|-------------|-------------------------------|--------------------|-------------------------|----------|--------------------|-----------------------|
| | 1ST YEAR | AREA II FINE ARTS COURSE | 3 | ENG 1102/04 | 3 | AREA II LIT COURSE | 3 | MTH 2227 | 4 | AREA II HUM/FA COURSE |
| 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 | SPE 3340 | 3 | STAT 4451 | 3 | RED 4401 | 3 |
| | EDU 3310 | 3 | EDU 3305 | 3 | MTH 4424 | 3 | EDU 3303 | 3 | EDU 4400 | 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 | EDU 4471 | 3 | SED 4454 | | SED 4454 (CONTINUED) | 3 | | |
| | MTH 4481 (FA SEM) | 3 | MTH 4481 (FA SEM CONT) | | MTH 4474 | | MTH 4474 (CONTINUED) | 9 | | |
| | PRAXIS II: CONTENT AREA EXAM | | | | SUBMIT GRADUATION APPLICATION | | | | | |
| TOTAL | 6 | TOTAL | 3 | | | TOTAL | 12 | | | |
| TOTAL PROGRAM 123 | | | | | | | | | | |



COLLEGE OF EDUCATION APPROVED ACADEMIC PLAN MATHEMATICS EDUCATION MAJOR-PROGRAM YEAR 2020-2021

COMPLETE ALL REQUIREMENTS (49 HOURS)

AREA I

TAKE THE FOLLOWING COURSES:

| | | |
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| 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

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|---|---------|
| TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE | 3 HOURS |
| TAKE ART 1133, MUS 1131, OR THE 1130 | 3 HOURS |
| 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). | 6 HOURS |

AREA III

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| MTH 1125 | CALCULUS I | 4 HOURS |
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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. | 8 HOURS |
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AREA IV

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| TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY. | 3 HOURS |
| 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 (REQUIRING SUBSTITUTION FORMS) | 9 HOURS |

AREA V

| | | |
|-----------|--------------------------------------|---------|
| TROY 1101 | THE UNIVERSITY EXPERIENCE | 1 HOUR |
| STAT 2210 | INTRODUCTORY STATISTICS | 3 HOURS |
| MTH 2220 | COMPUTER PROGRAMMING FOR MATHEMATICS | 3 HOURS |

**COLLEGE OF EDUCATION APPROVED ACADEMIC PLAN
MATHEMATICS EDUCATION MAJOR-PROGRAM YEAR 2020-2021**

MATHEMATICS COURSES (38 HOURS)

MINIMUM 2.75 OVERALL GPA REQUIRED

TAKE THE FOLLOWING COURSES:

(MINIMUM GRADE OF 'C' REQUIRED)

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| 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-APPROVED MATHEMATICS OR STATISTICS COURSES (MINIMUM GRADE OF 'C' REQUIRED)

6 HOURS

PROFESSIONAL STUDIES (36 HOURS)

(MINIMUM GRADE OF 'C' REQUIRED)

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| 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 |