

**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.

| 1ST<br>YEAR | TERM 1                      |                             | TERM 2      |             | TERM 3             |                       | TERM 4           |  | TERM 5                |   |
|-------------|-----------------------------|-----------------------------|-------------|-------------|--------------------|-----------------------|------------------|--|-----------------------|---|
|             | TRO 1101                    | 1                           | ENG 1102/04 | 3           | AREA II LIT CO RSE | 3                     | MTH 2227         | 4  | AREA I SS CO RSE      | 3 |
|             | ENG 1101/03                 | 3                           | MTH 1125    | 4           | MTH 1126           | 4                     | AREA I SS CO RSE | 3  | AREA II H M/FA CO RSE | 3 |
|             | AREA II FINE ARTS<br>CO RSE | 3                           |             |             |                    |                       |                  |  |                       |   |
|             | TOTAL                       | 7                           | TOTAL       | 7           | TOTAL              | 7                     | TOTAL            | 7  | TOTAL                 | 6 |
|             | FALL SEMESTER               |                             |             |             | SPRING SEMESTER    |                       |                  |  | SUMMER SEMESTER       |   |
| TRO 1101    | 1                           | AREA II FINE ARTS<br>CO RSE | 3           | ENG 1102/04 | 3                  | AREA II H M/FA CO RSE | 3                | SELECT CO RSES THAT HAVE NOT<br>BEEN COMPLETED FROM PREVIOUS<br>PREREQUISITE COURSES OR<br>COURSES TO BE RETAKEN |                       |   |

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  
ENG 1102 COMP AND MODERN ENGLISH II

3 HOURS  
3 H

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.

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 |
| <b>EDU 4471</b> | <b>CURRICULUM &amp; INSTRUCTION DELIVERY</b> |         |

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 or pre-requisite courses, are not reflected in My Degree Map. Completion of degree requirements is based on the specific catalog year under