

|                                |                          |     |                         |     |                                      |   |                          |   |                       |   |
|--------------------------------|--------------------------|-----|-------------------------|-----|--------------------------------------|---|--------------------------|---|-----------------------|---|
| <b>1<sup>st</sup><br/>YEAR</b> | term 1                   |     | term 2                  |     | term 3                               |   | term 4                   |   | term 5                |   |
|                                | AREA II FINE ARTS COURSE | 3   | AREA IV SS COURSE       | 3   | ENG 1102/04                          | 3 | MTH 2227                 | 4 | AREA IV HIS COURSE    | 3 |
|                                | ENG 1101/03              | 3   | MTH 1125                | 4   | MTH 1126                             | 4 | MTH 3318                 | 3 |                       |   |
|                                | TROY 1101                | 1   |                         |     |                                      |   |                          |   |                       |   |
|                                | TOTAL                    | 7   | TOTAL                   | 7   | TOTAL                                | 7 | TOTAL                    | 7 | TOTAL                 | 3 |
| <b>2<sup>ND</sup><br/>YEAR</b> | term 1                   |     | term 2                  |     | term 3                               |   | term 4                   |   | term 5                |   |
|                                | MTH 3311                 | 3   | APPROVED MTH/STAT ELEC  | 3   | AREA IV SS COURSE                    | 3 | FREE ELEC                | 3 | MTH 2220              | 3 |
|                                | AREA II HUM/FA COURSE    | 3   | AREA II LIT COURSE      | 3   | STAT 2210                            | 3 | AREA IV SS COURSE        | 3 | AREA II HUM/FA COURSE | 3 |
|                                | TOTAL                    | 6   | TOTAL                   | 6   | TOTAL                                | 6 | TOTAL                    | 6 | TOTAL                 | 6 |
| <b>3<sup>RD</sup><br/>YEAR</b> | term 1                   |     | term 2                  |     | term 3                               |   | term 4                   |   | term 5                |   |
|                                | MTH 3331                 | 3   | STAT 3350               | 3   | FREE ELEC                            | 3 | APPROVED MTH/STAT COURSE | 3 | FREE ELEC             | 3 |
|                                | AREA III SCI/LAB COURSE  | 3/1 | AREA III SCI/LAB COURSE | 3/1 | APPROVED MTH/STAT ELEC               | 3 | MINOR COURSE             | 3 | FREE ELEC             | 3 |
|                                | TOTAL                    | 7   | TOTAL                   | 7   | TOTAL                                | 6 | TOTAL                    | 6 | TOTAL                 | 6 |
| <b>4<sup>TH</sup><br/>YEAR</b> | term 1                   |     | term 2                  |     | term 3                               |   | term 4                   |   | term 5                |   |
|                                | APPROVED MTH/STAT ELE    | 3   | MTH 4441                | 3   | MTH 4424                             | 3 | MINOR COURSE             | 3 |                       |   |
|                                | FREE ELEC                | 3   | MINOR COURSE            | 3   | MINOR COURSE                         | 3 | MINOR COURSE             | 3 |                       |   |
|                                | MINOR COURSE             | 3   |                         |     |                                      |   |                          |   |                       |   |
|                                |                          |     |                         |     | <b>SUBMIT GRADUATION APPLICATION</b> |   |                          |   |                       |   |
|                                | TOTAL                    | 9   | TOTAL                   | 6   | TOTAL                                | 6 | TOTAL                    | 6 | TOTAL                 | 3 |
| <b>TOTAL PROGRAM</b>           |                          |     |                         |     |                                      |   |                          |   | <b>120</b>            |   |

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 ARTS AND SCIENCES 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 COURSEWORK IN AREAS II OR IV.

**MATHEMATICS MAJOR: OPTION 1 (MATHEMATICAL STATISTICS SEQUENCE)**

**(38 HOURS)**

MINIMUM 2.00 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 4424  | REAL ANALYSIS I                      | 3 HOURS |
| MTH 4441  | ABSTRACT ALGEBRA I                   | 3 HOURS |
| STAT 3350 | STATISTICAL METHODS AND COMPUTATIONS | 3 HOURS |

SELECT ONE OF THE FOLLOWING:

3 HOURS

|           |                           |
|-----------|---------------------------|
| MTH 4425  | REAL ANALYSIS II          |
| MTH 4442  | ABSTRACT ALGEBRA II       |
| STAT 4451 | MATHEMATICAL STATISTICS I |

SELECT 9 ADDITIONAL HOURS OF UPPER-LEVEL MATHEMATICS OR STATISTICS COURSES

9 HOURS

EXCLUDING MTH 4481

(MINIMUM GRADE OF 'C' REQUIRED)

**MINOR**

**(18 HOURS)**

AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED