

| 1ST YEAR | | | |
|--------------------------------------|-----------|------------------------|------------|
| 1ST SEMESTER | HRS | 2ND SEMESTER | HRS |
| TROY 1101/ENG 1101/03 | 3 | AREA II HUM/FA COURSE | 3 |
| MTH 1125 | 3 | AREA IV SS COURSE | 3 |
| AREA II FINE ARTS COURSE | 3 | STAT 2210 | 3 |
| AREA IV SS COURSE | 3 | MTH 1126 | 4 |
| TOTAL | 14 | TOTAL | 16 |
| 2ND YEAR | | | |
| 3RD SEMESTER | HRS | 4TH SEMESTER | HRS |
| AREA II LIT COURSE | 3 | MTH 2220 | 3 |
| MTH 3318 | 3 | REQ MTH COURSE | 3 |
| MTH 2227 | 4 | MINOR COURSE | 3 |
| AREA IV HIS COURSE | 3 | | |
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| 4TH YEAR | | | |
| 7TH SEMESTER | HRS | 8TH SEMESTER | HRS |
| MTH 4424 | 3 | APPROVED MTH/STAT ELEC | 3 |
| MTH 4441 | 3 | MINOR COURSE | 3 |
| MINOR COURSE | 3 | MINOR COURSE | 3 |
| FREE ELEC | 3 | FREE ELEC | 3 |
| FREE ELEC | 3 | FREE ELEC | 3 |
| SUBMIT GRADUATION APPLICATION | | | |
| TOTAL | 15 | TOTAL | 15 |
| TOTAL PROGRAM | | | 120 |

COMPLETE ALL REQUIREMENTS**(49 HOURS)****AREA I**

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

3 HOURS
 3 HOURS

TAKE ANY TWO 1000 2000 LEVEL COURSES WITH AN EXPANDED
 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.

6 HOURS

**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
 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 2233/L233,
 SCI 2234/L234, SCI 2240/L240.

4 HOURS
 8 HOURS

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, BUSINESS, CRIMINAL JUSTICE,
 ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP,
 INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY,
 RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.

3 HOURS
 9 HOURS

**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 THE UNIVERSITY EXPERIENCE
 STAT 2210 INTRODUCTORY STATISTICS
 MTH 2220 COMPUTER PROGRAMMING FOR MATHEMATICS

1 HOUR
 3 HOURS
 3 HOURS

MATHEMATICS MAJOR: OPTION 1 (MATHEMATICAL STATISTICS SEQUENCE)

(38 HOURS)

MINIMUM 2.00 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 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 9 ADDITIONAL HOURS OF UPPER-LEVEL MATHEMATICS OR STATISTICS COURSES

EXCLUDING MTH 4481

(MINIMUM GRADE OF 'C' REQUIRED)

9 HOURS

MINOR

(18 HOURS)

AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED COMPLETE THIS DEGREE PROGRAM. ADDITIONAL MAJORS ARE ALSO ACCEPTABLE.

18 HOURS

FREE ELECTIVES REQUIREMENT

(15 HOURS)

TAKE 15 SEMESTER HOURS OF FREE ELECTIVE CREDIT.

15 HOURS