

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
BACHELOR OF SCIENCE – ENVIRONMENTAL SCIENCE PROGRAM
PROGRAM YEAR 2020-2021

| FALL SEMESTER | HOURS | SPRING SEMESTER | HOURS |
|-------------------------------|-------|--------------------------|-------|
| TROY 1101 | 1 | ENG 1102/04 | 3 |
| ENG 1101/03 | 3 | BIO 1120/LAB | 3/1 |
| MTH 1114 OR MTH 1125 | 3-4 | CHM 1143/LAB | 3/1 |
| CHM 1142/LAB | 3/1 | AREA II FINE ARTS COURSE | 3 |
| BIO 1100/LAB | 3/1 | | |
| | | | |
| TOTAL | 15-16 | TOTAL | 14 |
| | | | |
| FALL SEMESTER | HOURS | SPRING SEMESTER | HOURS |
| AREA II LIT COURSE | 3 | BIO 2220/LAB | 3/1 |
| BIO 1101/LAB | 3/1 | BIO 2229/LAB | 3/1 |
| CHM 3342/LAB | 3/1 | IS 2241 | 3 |
| GEO 2299 OR GIS 3390 | 3 | AREA IV HIS COURSE | 3 |
| STAT 2210 | 3 | | |
| | | | |
| TOTAL | 17 | TOTAL | 14 |
| | | | |
| FALL SEMESTER | HOURS | SPRING SEMESTER | HOURS |
| PHY 2252/LAB (DR) | 3/1 | AREA IV SS COURSE | 3 |
| AREA II HUM/FA COURSE | 3 | AREA II HUM/FA COURSE | 3 |
| | | | |
| BIO 3320/LAB | 3/1 | BIO 3328/LAB | 3/1 |
| APPROVED MAJ ELEC/LAB | 4 | BIO 4413/LAB | 3/1 |
| | | | |
| TOTAL | 15 | TOTAL | 14 |
| | | | |
| FALL SEMESTER | HOURS | SPRING SEMESTER | HOURS |
| APPROVED MAJ ELEC/LAB | 3/1 | AREA IV SS COURSE | 3 |
| BIO 4479/LAB | 3/1 | APPROVED MAJ ELEC | 3 |
| APPROVED MAJ ELEC | 3 | APPROVED MAJ ELEC/LAB | 3/1 |
| AREA IV SS COURSE | 3 | BIO 4484 | 1 |
| SUBMIT GRADUATION APPLICATION | | FREE ELEC | 5-6 |
| TOTAL | 14 | TOTAL | 16-17 |
| | | TOTAL HOURS | 120 |



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COMPLETE ALL REQUIREMENTS

(60-61 HOURS)

AREA I

| | | |
|-------------------------------|----------------------------|---------|
| ENG 1101 | COMP AND MODERN ENGLISH I | 3 HOURS |
| ENG 1102 | COMP AND MODERN ENGLISH II | 3 HOURS |
| MINIMUM GRADE OF "C" REQUIRED | | |

AREA II

TAKE ANY 1000-2000 LEVEL COURSE IN LITERATURE 3 HOURS

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

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

| | | |
|---------------------------------|-----------------------------|-----------|
| BIO 1100/L100 | PRINCIPLES OF BIOLOGY W/LAB | 3/1 HOURS |
| CHM 1142/L142 | GENERAL CHEMISTRY I W/LAB | 3/1 HOURS |
| MTH 1114 | PRE-CAL TRIG | 3 HOURS |
| OR | | |
| MTH 1125 | CALCULUS I | 4 HOURS |
| (MINIMUM GRADE OF "C" REQUIRED) | | |

AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY. 3 HOURS

TAKE ANY THREE 1000-2000 LEVEL COURSES 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. 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

| | | |
|--------------|--|-----------|
| BIO 1101/LAB | ORGANISMAL BIOLOGY | 3/1 HOURS |
| CHM 1143/LAB | GENERAL CHEMISTRY II/LAB | 3/1 HOURS |
| IS 2241 | COMPUTER CONCEPTS & APPLICATIONS | 3 HOURS |
| GEO 2299 | BASICS GIS | |
| OR | | |
| GIS 3390 | FUNDAMENTALS OF GEOGRAPHIC INFORMATION | 3 HOURS |
| TROY 1101 | THE UNIVERSITY EXPERIENCE | 1 HOUR |

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.



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AREA V CONTINUED

TAKE ONE PHYSICS SEQUENCE: 4 HOURS
PHY 2252/LAB GENERAL PHYSICS I
(DR DENOTES DEPARTMENTAL RECOMMENDED COURSE)
OR
PHY 2262/LAB GENERAL PHYSICS I WITH CALCULUS

**ENVIRONMENTAL SCIENCE PROGRAM (36 HOURS)
2.0 GPA REQUIRED**

TAKE THE FOLLOWING COURSES:
BIO 1120/L120 SURVEY OF ENVIRONMENTAL SCIENCE/LAB 3/1 HOURS
BIO 2220/L220 CELL BIOLOGY/LAB 3/1 HOURS
BIO 2229/L229 GENERAL ECOLOGY/LAB 3/1 HOURS
BIO 3320/L320 GENETICS/LAB 3/1 HOURS
BIO 3328/L328 ENVIRONMENTAL POLLUTION CONTROL/LAB 3/1 HOURS
BIO 4413/L413 LIMNOLOGY/LAB 3/1 HOURS
BIO 4479/L479 ENVIRONMENTAL ASSESSMENT/LAB 3/1 HOURS
BIO 4484 SENIOR SEMINAR IN BIOLOGY & ENVIRONMENTAL SCIENCE 1 HOUR
CHM 3342/L342 ORGANIC CHEMISTRY I/LAB 3/1 HOURS
STAT 2210 INTRODUCTORY STATISTICS 3 HOURS

MAJOR ELECTIVES (18 HOURS)

TAKE 18 HOURS OF APPROVED UPPER-LEVEL (3000-4000) COURSES IN
BIOLOGY, MARINE BIOLOGY, CHEMISTRY, GEOGRAPHY OR GEOGRAPHIC INFORMATION SYSTEMS.

FREE ELECTIVES REQUIREMENT (5-6 HOURS)

TAKE 5-6 SEMESTER HOURS OF FREE ELECTIVE CREDIT. 5-6 HOURS