

MY DEGREE MAP  
 COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN  
 BACHELOR OF SCIENCE – ENVIRONMENTAL SCIENCE PROGRAM  
 PROGRAM YEAR 2019-20

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 GEM 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
<b>SUBMIT GRADUATION APPLICATION</b>		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 OR 1125 CALCULUS I (MINIMUM GRADE OF "C" REQUIRED) 3-4 HOURS

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 UNIVERSITY ORIENTATION 1 HOUR

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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 (40 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
CHM 3343/L343	ORGANIC CHEMISTRY II/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 MATHEMATICS. (BIO 4488/4489/4490 (1-8 HOURS) INTERNSHIP IN ENVIRONMENTAL SCIENCE)

### FREE ELECTIVES REQUIREMENT (5-6 HOURS)

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