

MY DEGREE MAP

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN BIOLOGY MAJOR--PROGRAM YEAR 2019-2020

1 ST YEAR			
1 ST SEMESTER	HOURS	2 ND SEMESTER	HOURS
TROY 1101	1	ENG 1102/04	3
ENG 1101/03	3	BIO 1101/LAB	3/1
MTH 1125	4	AREA II HUM/FA COURSE	3
AREA IV HIS COURSE	3	AREA IV SS COURSE	3
BIO 1100/LAB	3/1	IS 2241	3
TOTAL	15	TOTAL	16
2 ND YEAR			
3 RD SEMESTER	HOURS	4 TH SEMESTER	HOURS
AREA II LIT COURSE	3	CHM 1143/LAB	3/1
BIO 2220/LAB	3/1	AREA IV SS COURSE	3
AREA II FINE ARTS COURSE	3	STAT 2210	3
CHM 1142/LAB	3/1	MINOR COURSE	3
MINOR COURSE	3		
TOTAL	17	TOTAL	13
3 RD YEAR			
5 TH SEMESTER	HOURS	6 TH SEMESTER	HOURS
BIO 2229/LAB	3/1	AREA V PHY/LAB SEQ	3/1
CHM 3342/LAB	3/1	BIO 3320/LAB	3/1
REQ BOTANY ELEC	3/1	CHM 3343/LAB	3/1
AREA V PHY/LAB SEQ	3/1	REQ ZOOLOGY ELEC	3/1
TOTAL	16	TOTAL	16
4 TH YEAR			
7 TH SEMESTER	HOURS	8 TH SEMESTER	HOURS
REQ PHY/CELL/MOL/ELEC	3/1	BIO 4484	1
REQ ECOL/ENV ELEC	3/1	AREA IV SS COURSE	3
AREA II HUM/FA COURSE	3	APPROVED BIO/LAB ELEC	3/1
MINOR COURSE	3	MINOR COURSE	3
MINOR COURSE	3	MINOR COURSE	3
SUBMIT GRADUATION APPLICATION			
TOTAL	17	TOTAL	14
		TOTAL PROGRAM	124

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN BIOLOGY MAJOR--PROGRAM YEAR 2019-2020

COMPLETE ALL REQUIREMENTS (62 HOURS)

AREA I

TAKE THE FOLLOWING COURSES:

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

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 REQ WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA III

MTH 1125	CALCULUS	4 HOURS
MINIMUM GRADE OF "C" REQ		
BIO 1100/L100	PRINCIPLES OF BIOLOGY W/ LAB	3/1 HOURS
CHM 1142/L142	GENERAL CHEMISTRY I W/ LAB	3/1 HOURS

AREA IV

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

NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA V

IS 2241	COMPUTER CONCEPTS AND APPLICATIONS	3 HOURS
TROY 1101	UNIVERSITY ORIENTATION	1 HOUR
BIO 1101/L101	ORGANISMAL BIOLOGY W/ LAB	3/1 HOURS
CHM 1143/L143	GENERAL CHEMISTRY II W/ LAB	3/1 HOURS

AREA V CONTINUED:

TAKE ONE PHYSICS SEQUENCE	8 HOURS
PHY 2252/L252	GENERAL PHYSICS I W/ LAB
PHY 2253/L253	GENERAL PHYSICS II W/ LAB
OR	
PHY 2262/L262	GENERAL PHYSICS I WITH CALCULUS W/ LAB
PHY 2263/L263	GENERAL PHYSICS II WITH CALCULUS W/ LAB

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
BIOLOGY MAJOR--PROGRAM YEAR 2019-2020**

BIOLOGY MAJOR (44 HOURS)

TAKE THE FOLLOWING COURSES:

2.0 GPA REQUIRED

BIO	2220/L220	PRINCIPLES OF CELL BIOLOGY	3/1 HOURS
BIO	2229/L229	GENERAL ECOLOGY/LAB	3/1 HOURS
BIO	3320/L320	GENETICS/LAB	3/1 HOURS
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
BIO	4484	SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCES	1 HOUR

BOTANY 3/1 HOURS

TAKE ONE OF THE FOLLOWING BOTANY COURSES WITH ITS CORRESPONDING LAB.
BIO 3325/L325 OR BIO 4425

ZOOLOGY 3/1 HOURS

TAKE ONE OF THE FOLLOWING ZOOLOGY COURSES WITH ITS CORRESPONDING LAB.
BIO 3307/L307, BIO 4405/L305, BIO 4420, BIO 4447/L447, BIO 4471/L471

ECOLOGY/ENVIRONMENTAL 3/1 HOURS

TAKE ONE OF THE FOLLOWING ECOLOGY/ENVIRONMENTAL COURSES WITH ITS
CORRESPONDING LAB.
BIO 4413/L413, BIO 4416/L416, BIO 4421/L421, OR BIO 4479/L479

PHYSIOLOGY/CELL/MOLECULAR 3/1 HOURS

TAKE ONE OF THE FOLLOWING PHYSIOLOGY/CELL/MOLECULAR COURSES WITH
ITS CORRESPONDING LAB.
BIO 3347/L347, BIO 3348/L348, BIO 3372/L372, BIO 3382/L382, BIO 3386/L386,
BIO 4414/L414, BIO 4451/L451, BIO 4480/L480, OR BIO 4482/L482

MAJOR ELECTIVE 3/1 HOURS

SELECT ONE UPPER-LEVEL (3000-4000) ADVISOR-APPROVED BIOLOGY COURSE
AND ITS CORRESPONDING LAB.

MINOR (18 HOURS)

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