

MY DEGREE MAP

COLLEGE OF ARTS AND SCIENCES RECOMMENDED ACADEMIC PLAN

BACHELOR OF SCIENCE IN BIOLOGY-PROGRAM YEAR 2016-17

1 ST YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	ENG 1101/03	3	BIO 1100/LAB	3/1	ENG 1102/04	3	BIO 1101/LAB	3/1	TROY 1101	1	
	MTH 1125	4			IS 2241	3	AREA IV SS COURSE	3	AREA IV HIS COURSE	3	
	TOTAL	7	TOTAL	4	TOTAL	6	TOTAL	7	TOTAL	4	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER		
	TROY 1101	1	BIO 1100/LAB	3/1	ENG 1102/04	3	AREA II HUM/FA COURSE	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
	ENG 1101/03	3	AREA IV SS COURSE	3	BIO 1101/LAB	3/1	IS 2241	3			
	MTH 1125	4									
TOTAL 15				TOTAL 13							
2 ND YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	CHM 1142/LAB	3/1	AREA II FINE ARTS COURSE	3	BIO 2220/LAB	3/1	CHM 1143/LAB	3/1	MINOR COURSE	3	
	AREA II LIT COURSE	3	AREA IV SS COURSE	3	MTH 2210	3			MINOR COURSE	3	
	TOTAL	7	TOTAL	6	TOTAL	7	TOTAL	4	TOTAL	6	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER		
	AREA II LIT COURSE	3	AREA II FINE ARTS COURSE	3	MTH 2210	3	BIO 2220/LAB	3/1	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
	CHM 1142/LAB	3/1	AREA IV SS COURSE	3	MINOR COURSE	3	CHM 1143/LAB	3/1			
	MINOR COURSE	3									
TOTAL 16				TOTAL 14							
3 RD YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	AREA V PHYSICS/LAB	3/1	CHM 3342/LAB	3/1	AREA V PHYSICS/LAB	3/1	CHM 3343/LAB	3/1	REQ_ZOOLOGY ELEC	3/1	
	BIO 2229/LAB	3/1	REQ_BOTANY ELEC	4	BIO 3320/LAB	3/1					
	TOTAL	8	TOTAL	8	TOTAL	8	TOTAL	4	TOTAL	4	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER		
	AREA V PHYSICS/LAB	3/1	CHM 3342/LAB	3/1	AREA V PHYSICS/LAB	3/1	BIO 3320/LAB	3/1	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
	BIO 2229/LAB	3/1	REQ_BOTANY ELEC	4	CHM 3343/LAB	3/1	REQ_ZOOLOGY ELEC	3/1			
TOTAL 16				TOTAL 16							
4 TH YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	REQ_ECOL/ENV ELEC	3/1	REQ_PHY/CELL/MOL ELEC	3/1	MINOR COURSE	3	AREA IV SS COURSE	3	MINOR COURSE	3	
	AREA II HUM/FA COURSE	3	MINOR COURSE	3	APPROVED BIO/LAB ELEC	3/1	MINOR COURSE	3	AREA II HUM/FA COURSE	3	
					FILE YOUR INTENT TO GRADUATE						
	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	6	TOTAL	6	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER		
	REQ_ECOL/ENV ELEC	3/1	REQ_PHY/CELL/MOL ELEC	3/1	MINOR COURSE	3	AREA IV SS COURSE	3	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN		
	AREA II HUM/FA COURSE	3	AREA IV HIS COURSE	3	APPROVED BIO/LAB ELEC	3/1	MINOR COURSE	3			
MINOR COURSE	3			MINOR COURSE	3						
FILE YOUR INTENT TO GRADUATE											
TOTAL 17				TOTAL 16							
TOTAL PROGRAM 123											



COLLEGE OF ARTS AND SCIENCES RECOMMENDED ACADEMIC PLAN BACHELOR OF SCIENCE IN BIOLOGY-PROGRAM YEAR 2016-17

COMPLETE ALL REQUIREMENTS

(62 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:

MTH 1125	CALCULUS I	4 HOURS
MINIMUM GRADE OF "C" REQUIRED		
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 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:

TAKE THE FOLLOWING COURSES:		
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
TROY 1101	UNIVERSITY ORIENTATION	1 HOUR

AREA V CONTINUED:

TAKE ONE PHYSICS SEQUENCE:			8 HOURS
PHY	2252/LAB	GENERAL PHYSICS I	
PHY	2253/LAB	GENERAL PHYSICS II	
OR			
PHY	2262/LAB	GENERAL PHYSICS I WITH CALCULUS	
PHY	2263/LAB	GENERAL PHYSICS II WITH CALCULUS	

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



COLLEGE OF ARTS AND SCIENCES RECOMMENDED ACADEMIC PLAN BACHELOR OF SCIENCE IN BIOLOGY-PROGRAM YEAR 2016-17

BIOLOGY MAJOR: (43 HOURS)

2.0 GPA REQUIRED

TAKE THE FOLLOWING COURSES:

BIO 2220	PRINCIPLES OF CELL BIOLOGY/L220	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
MTH 2210	APPLIED STATISTICS	3 HOURS

BOTANY:

TAKE ONE OF THE FOLLOWING BOTANY COURSES WITH ITS
CORRESPONDING LAB:

BIO 3325/L325 OR BIO 4425 3/1 HOURS

ZOOLOGY:

TAKE ONE OF THE FOLLOWING ZOOLOGY COURSES WITH ITS
CORRESPONDING LAB:

BIO 3307/L307, BIO 4405/L405, BIO 4420, BIO 4445/L445,
BIO 4446/L446, BIO 4447/L447, BIO 4448/L448, BIO 4471/L471 3/1 HOURS

ECOLOGY/ENVIRONMENTAL:

TAKE ONE OF THE FOLLOWING ECOLOGY/ENVIRONMENTAL COURSES
WITH ITS CORRESPONDING LAB:

BIO 1120/L120, BIO 4413/L413, BIO 4416/L416, BIO 4421/L421,
BIO 4479/L479 3/1 HOURS

PHYSIOLOGY/CELL/MOLECULAR:

TAKE ONE OF THE FOLLOWING PHYSIOLOGY/CELL/MOLECULAR
BIOLOGY COURSES WITH ITS CORRESPONDING LAB:

BIO 3347/L347, BIO 3348/L348, BIO 3372/L372, BIO 3382/L382,
BIO 3386/L386, BIO 4414/L414, BIO 4430/L430, BIO 4451/L451,
BIO 4480/L480, BIO 4482/L482 3/1 HOURS

MAJOR ELECTIVES: 4 HOURS

TAKE ONE UPPER-LEVEL (3000-4000) ADVISER-APPROVED BIOLOGY COURSE
AND ITS CORRESPONDING LAB (4SH).

MINOR REQUIREMENT: (18 HOURS)

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

18 HOURS