

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
PRE-PROFESSIONAL BIOLOGY PROGRAM-PROGRAM YEAR 2018-19

1 ST YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	MTH 1125	4	AREA II FINE ARTS COURSE	3	ENG 1102/04	3	BIO 1100/LAB	3/1	TROY 1101	1	
ENG 1101/03	3	IS 2241	3	AREA IV SS COURSE	3			AREA II HUM/FA COURSE	3		
	TOTAL	7	TOTAL	6	TOTAL	6	TOTAL	4	TOTAL	4	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER		
TROY 1101	1	AREA II FINE ARTS COURSE	3	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 1100/LAB	3/1	IS 2241	3				
MTH 1125	4			AREA IV SS COURSE	3						
	TOTAL 14				TOTAL 16						
2 ND YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	BIO 1101/LAB	3/1	CHM 1142/LAB	3/1	MTH 2210	3	AREA II HUM/FA COURSE	3	AREA IV SS COURSE	3	
AREA II LIT COURSE	3	AREA IV HIS COURSE	3	CHM 1143/LAB	3/1	BIO 2220/LAB	3/1				
	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	3	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER		
AREA II LIT COURSE	3	BIO 1101/LAB	3/1	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 II HUM/FA COURSE	3	FREE ELEC	2				
AREA IV HIS COURSE	3			CHM 1143/LAB	3/1						
	TOTAL 14				TOTAL 16						
3 RD YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	AREA V PHY/LAB	3/1	CHM 3342/LAB	3/1	AREA V PHY/LAB	3/1	BIO 3320/LAB	3/1			
BIO 2229/LAB	3/1	APPROVED MAJ ELEC	3/1	CHM 3343/LAB	3/1	APPROVED MAJ ELEC	3/1				
	TOTAL	8	TOTAL	8	TOTAL	8	TOTAL	8			
	FALL S3/1EMESTER				SPRING SEMESTER				SUMMER SEMESTER		
AREA V PHY/LAB	3/1	APPROVED MAJ ELEC	3/1	AREA V PHY/LAB	3/1	APPROVED MAJ ELEC	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	CHM 3342/LAB	3/1	CHM 3343/LAB	3/1	BIO 3320/LAB	3/1				
	TOTAL 16				TOTAL 16						
	TOTAL 16				TOTAL 16						
4 TH YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5		
	APPROVED MAJ ELEC	3/1	APPROVED MAJ ELEC	3/1	APPROVED MAJ ELEC	3/1	APPROVED MAJ ELEC	3/1	BIO 4484	1	
APPROVED MAJ ELEC	3/1	AREA IV SS COURSE	3	FREE ELEC	2			APPROVED MAJ ELEC	3/1		
	TOTAL	8	TOTAL	7	FILE YOUR INTENT TO GRADUATE		TOTAL	4	TOTAL	5	
	FALL SEMESTER				SPRING SEMESTER				SUMMER SEMESTER		
APPROVED MAJ ELEC	3/1	AREA IV SS COURSE	3	APPROVED MAJ ELEC	3/1	BIO 4484	1	SELECT COURSES THAT HAVE NOT BEEN COMPLETED FROM PREVIOUS TERMS OR SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN			
APPROVED MAJ ELEC	3/1	APPROVED MAJ ELEC	3/1	APPROVED MAJ ELEC	3/1	APPROVED MAJ ELEC	3/1				
	TOTAL 15				TOTAL 13						
	FILE YOUR INTENT TO GRADUATE				TOTAL 13						
TOTAL PROGRAM 120											

COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN PRE-PROFESSIONAL BIOLOGY PROGRAM-PROGRAM YEAR 2018-19

COMPLETE ALL 6 SUB-REQUIREMENTS (62 HOURS)

A. AREA I:

TAKE THE FOLLOWING COURSES:

MINIMUM GRADE OF "C" REQUIRED

ENG 1101	COMP AND MODERN ENGLISH I	3 HOURS
ENG 1102	COMP AND MODERN ENGLISH II	3 HOURS

B. AREA II:

TAKE ANY 1000-2000 LEVEL COURSE IN LITERATURE	3 HOURS
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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
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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
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C. AREA III:

TAKE THE FOLLOWING COURSES:

BIO 1100/L100 PRINCIPLES OF BIOLOGY W/LAB	4 HOURS
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CHM 1142/L142 GENERAL CHEMISTRY I W/LAB	4 HOURS
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TAKE MTH 1125 CALCULUS I ("C" OR BETTER)	4 HOURS
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D. AREA IV:

TAKE THE FOLLOWING COURSES:

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

TAKE THE FOLLOWING COURSES:

BIO 1101/L101 ORGANISMAL BIOLOGY W/LAB	4 HOURS
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CHM 1143/L143 GENERAL CHEMISTRY II W/LAB	4 HOURS
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IS 2241 COMPUTER CONCEPTS & APPLICATIONS	3 HOURS
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TROY 1101 UNIVERSITY ORIENTATION	1 HOUR
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AREA V CONTINUED:

TAKE ONE PHYSICS SEQUENCE:

PHY 2252/LAB GENERAL PHYSICS I AND PHY 2253/LAB GENERAL PHYSICS II	8 HOURS
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OR

PHY 2262/LAB GENERAL PHYSICS I WITH CALCULUS AND PHY 2263/LAB GENERAL PHYSICS II WITH CALCULUS	
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PRE-PROFESSIONAL BIOLOGY MAJOR (24 HOURS)

MINIMUM 2.0 OVERALL GPA REQUIRED

TAKE THE FOLLOWING COURSES:

BIO	2220/L220	PRIN CELL BIOLOGY W/LAB	4 HOURS
BIO	2229/L229	GENERAL ECOLOGY W/LAB	4 HOURS
BIO	3320/L320	GENETICS W/LAB	4 HOURS
BIO	4484	SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCE	1 HOUR
CHM	3342/L342	ORGANIC CHEMISTRY I W/LAB	4 HOURS
CHM	3343/L343	ORGANIC CHEMISTRY II W/LAB	4 HOURS
MTH	2210	APPLIED STATISTICS	3 HOURS

MAJOR ELECTIVES: (32 HOURS)

TAKE 32 SEMESTER HOURS FROM THE COURSES LISTED BELOW:

BIO	3347/L347	HUMAN ANATOMY AND PHYSIOLOGY I W/LAB	4 HOURS
BIO	3348/L348	HUMAN ANATOMY AND PHYSIOLOGY II W/LAB	4 HOURS
BIO	3382/L382	IMMUNOLOGY W/LAB	4 HOURS
BIO	3386/L386	HEMATOLOGY W/LAB	4 HOURS
BIO	4414/L414	FOOD MICROBIOLOGY W/LAB	4 HOURS
BIO	4451/L451	TOXICOLOGY W/LAB	4 HOURS
BIO	4471/L471	PARASITOLOGY W/LAB	4 HOURS
BIO	4480/L480	HISTOLOGY W/LAB	4 HOURS
BIO	4482/L482	MOLECULAR BIOLOGY W/LAB	4 HOURS
BIO	4485	PRINCIPLES AND METHODS FOR THE LABORATORY ASSISTANT	2 HOURS
CHM	3352/L352	BIOCHEMISTRY W/LAB	4 HOURS

FREE ELECTIVES REQUIREMENT (2 HOURS)

TAKE 2 SEMESTER HOURS OF FREE ELECTIVE CREDIT.	2 HOURS
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