

1ST YEAR			
1ST SEMESTER	HRS	2ND SEMESTER	HRS
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
2ND YEAR			
3RD SEMESTER	HRS	4TH SEMESTER	HRS
AREA II LIT COURSE	3	CHM 1143/LAB	3/1
BIO 2220	3	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	16	TOTAL	13
3RD YEAR			
5TH SEMESTER	HRS	6TH SEMESTER	HRS
BIO 2229/LAB	3/1	AREA V PHY/LAB SEQ	3/1
CHM 3342/LAB	3/1	BIO 3320	3
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	15
4TH YEAR			
7TH SEMESTER	HRS	8TH SEMESTER	HRS
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			122

BIOLOGY MAJOR

(42 H OURS)

TAKE THE FOLLOWING COURSES:

2.0 GPA REQUIRED

BIO 2220 PRINCIPLES OF CELL BIOLOGY

3 H OURS

BIO 2229/L229 GENERAL ECOLOGY/LAB

3/1 H OURS

BIO 3320 GENETICS

3 H OURS

CHM 3342/L342 ORGANIC CHEMISTRY I/LAB

3/1 H OURS

CHM 3343/L343 ORGANIC CHEMISTRY II/LAB

3/1 H OURS

OR

CHM 3352 BIO CHEMISTRY/LAB

STAT 2210 INTRODUCTORY STATISTICS

3 H OURS

BIO 4484 SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCES

1 H OUR

BOTANY

3/1 H OURS

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

BIO 3325/L325 OR BIO 4425

ZOOLOGY

3/1 H OURS

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

BIO 3307/L307, BIO 4405, BIO 4420, BIO 4447/L447, BIO 4471/L471

ECOLOGY/ENVIRONMENTAL

3/1 H OURS

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 H OURS

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 H OURS

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

MINOR

(18 H OURS)

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