

**My Degree Map**  
**College of Arts and Sciences Recommended Academic Plan**  
**Biology Program - General Biology**  
**PROGRAM YEAR 2017-2018**

Fall Semester	Hours	Spring Semester	Hours
Troy 1101	1	ENG 1102/04	3
ENG 1101/03	3	BIO 1101/lab	3/1
MTH 1125	4	CHM 1143/Lab	3/1
BIO 1100/Lab	3/1	IS 2241	3
CHM 1142/Lab	3/1	FREE ELEC	1
TOTAL	16	TOTAL	15
Fall Semester	Hours	Spring Semester	Hours
AREA II LIT COURSE	3	MTH 2210	3
CHM 3342/LAB	3/1	AREA II HUM/FA COU93 Tm(4n j 1.754 0 0 1	

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

TAKE 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

# College of Arts and Sciences Recommended Academic Plan Biology Program – General Biology PROGRAM YEAR 2017-2018

**GENERAL BIOLOGY (56 HOURS)**  
**2.0 GPA REQUIRED**

**TAKE THE FOLLOWING COURSES:**

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
BIO 4484	SENIOR SEMINAR IN BIOLOGICAL & ENVIRONMENTAL SCIENCES	1 HOUR
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
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**ZOOLOGY:**

TAKE ONE OF THE FOLLOWING ZOOLOGY COURSES WITH ITS CORRESPONDING LAB: BIO 3307/L307, BIO 4405/L405, BIO 4420, BIO 4447/L447, BIO 4471/L471	3/1 HOURS
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**ECOLOGY/ENVIRONMENTAL:**

TAKE ONE OF THE FOLLOWING ECOLOGY/ENVIRONMENTAL COURSES WITH ITS CORRESPONDING LAB: BIO 4413/L413, BIO 4416/L416, BIO 4421/L421, BIO 4479/L479	3/1 HOURS
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**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 4451/L451, BIO 4480/L480, BIO 4482/L482	3/1 HOURS
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**MAJOR ELECTIVES**

TAKE 16 ADDITIONAL HOURS OF BIO OR MB COURSE. THE 16 HOURS CHOSEN SHOULD BE BASED ON THE STUDENT'S FUTURE PLANS FOR EMPLOYMENT, GRADUATE SCHOOL, OR PROFESSIONAL SCHOOL. *SPECIAL TOPICS IN BIOLOGY (BIO 4476), GUIDED INDEPENDENT STUDIES (BIO 4491/4492) AND GUIDED INDEPENDENT RESEARCH (BIO 4493/4494) MAY ONLY BE TAKEN FOR A MAXIMUM OF 6 SEMESTER HOURS.	16 HOURS
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**FREE ELECTIVES REQUIREMENT**

TAKE 2 HOURS OF FREE ELECTIVE CREDIT	2 HOURS
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My Degree Map serves as a guide to assist you with the proper sequence and selection of courses. It does not replace your Program Evaluation (available through Trojan Web Express), which depicts the official document used to clear students for graduation. My Degree map includes the required course work and suggested sequence of courses for a particular degree program. Every reasonable attempt has been made to ensure accuracy of content. Please keep in mind that some courses