

MY DEGREE MAP  
TROY UNIVERSITY

College of Arts and Sciences Approved Academic Plan  
Pre Professional Biology Program Program Year 2013-2014

1 <sup>st</sup> Semester/Term 2	Hours	2 <sup>nd</sup> Semester/Term 4	Hours	3 <sup>rd</sup> Semester/T5	Hours
Troy 1101 University Orientation	1	ENG 1102/04 Comp/Mod English II	3	Select courses that have not been completed from the previous 2 semesters/4 terms or courses such as prerequisite courses or courses to be retaken	
ENG 1101/03 Comp/Mod English I	3	BIO 1100 Principles of Bio and Lab	4		

Approvedbiology/labelective	4	Approvedbiology/labelective	4	Selectcourses that havenot been completedfrom the previous 2 semesters/4 terms or courses such as prerequisite courses or courses to be retaken
Approvedbiology/labelective	4	Approvedbiology/labelective	4	
Approvedbiology/labelective	4	Approvedbiology/labelective	4	
TOTAL	12	TOTAL	12	
Minimum number of hours required for this major:				TOTAL 20Hours

\*Indicates an international scope class (6 hours required)

\*\*A sequence

Group 3: Take three semester hours from the following:  
\*ENG 2205, \*ENG 2206, ENG 2211, ENG 2212, 3 hours  
ENG 2244, ENG 2245,

Group 4: Take three semester hours from the following: 3 hours  
\*CLA 2260, \*ENG 2205, \*ENG 2206, ENG 2211,  
ENG 2212, ENG 2244, ENG 2245, \*FRN 1101,  
\*GER 1121, \*GRK 1111, IDS 2200, \*LAT 1131,  
PHI 2203, PHI 2204, ANT 2280 or SPN 1141

C. AREA III:

Take the following courses:

<b>MTH 1125</b>	<b>Calculus I</b>	<b>4 hours</b>
CHM 1142/L	General Chemistry with Lab	3/1 hours
BIO 1100/L	Principles of Biology/Lab	3/1 hours

D. AREA IV:

Group 1: Take three hours from the following: HIS 1101, 3 hours  
HIS 1102, HIS 1111, HIS 1112, HIS 1122  
Or HIS 1123

Group 2: Take nine semester hours from the following: 9 hours  
ANT 2200, \*ECO 2251, \*ECO 2252, \*GEO 2210,  
HIS 1101, HIS 1102, HIS 1111, HIS 1112, HIS 1122,  
HIS 1123, IDS 2200, \*POL 2260, POL 2241,  
PSY 2200, PSY 2210 or SOC 2275

E. AREA V:

Take the following courses:

BIO 1101/L	Organismal Biology/Lab	3/1 hours
CHM 1143/L	General Chemistry II/Lab	3/1 hours
IS 2241	Computer Concepts & Applications	3 hours
TROY 1101	University Orientation	1 hour

- F. AREA V: Continued  
 Take one sequence: PHY 2252/L and PHY 2253/L           8 hours  
                                 OR  
                                 PHY 2262/L and PHY 2263/L

**Biology/General Concentration - Program Year 2013-14 (55 hours)**

A. Take the following courses:

BIO 2229/L	General Ecology/Lab	3/1 hours
BIO 3320/L	Genetics/Lab	3/1 hours
BIO 3372/L	General Microbiology/Lab	3/1 hours
CHM 3342/L	Organic Chemistry I/Lab	3/1 hours
CHM 3343/L	Organic Chemistry II/Lab	3/1 hours
<b>MTH 2210</b>	<b>Applied Statistics</b>	<b>3 hours</b>

B. Major Electives: Take 32 additional hours from the courses listed below:  
 BIO 3347/L, BIO 3348/L, BIO 3382/L, BIO 3386/L, BIO 4414/L,  
 BIO 4416/L, BIO 4430/L, BIO 4432/L, BIO 4433/L, BIO 4451/L,  
 BIO 4471/L, BIO 4478/L, BIO 4480/L, BIO 4482/L, or CHM 3352/L.  
 32 hours

Free Electives: Complete two hours of free electives           2 hours