

**My Degree Map  
TROY UNIVERSITY**

**College of Education Recommended Academic Plan  
Biology Education Program Year 2013 2014**

1 <sup>st</sup> Semester/Term 1 2	Hours	2 <sup>nd</sup> Semester/Term 3 4	Hours
Troy 1101 University Orientation	1	<b>ENG 1102/04 Comp/Mod English II</b>	3
<b>ENG 1101/03 Comp/Mod English I#</b>	3	BIO 1100 Principles of Bio and Lab	4
<b>MTH 1125 Calculus I#</b>	4	AREA IV, Group 2 course option**	3
AREA II, Group 4 course option**	3	ART 1133* or MUS 1131* or DRA 2200	2
ART 1133* or MUS 1131* or DRA 2200	2	IS 2241 Computer Concepts/Applications	3
AREA IV, Group 2 course option**	3		
TOTAL	16	TOTAL	15

**General Studies: Biology Education (63 Hours)**

Complete all 6 subrequirements

A: AREA I:

**Biology Education - Program Year 2013-2014 - (43 hours)**

**A. Biology Major - Take the following courses:**

<b>BIO 2220/L</b>	<b>Principles of Cell Biology/Lab</b>	<b>3/1 hours</b>
<b>BIO 2229/L</b>	<b>General Ecology/Lab</b>	<b>3/1 hours</b>
<b>BIO 3320/L</b>	<b>Genetics/Lab</b>	<b>3/1 hours</b>
<b>CHM 3342/L</b>	<b>Organic Chemistry I/Lab</b>	<b>3/1 hours</b>
<b>CHM 3343/L</b>	<b>Organic Chemistry II/Lab</b>	<b>3/1 hours</b>
<b>MTH 2210</b>	<b>Applied Statistics</b>	<b>3 hours</b>

**B. Botany: Take one botany course with the corresponding lab:**

**BIO 3325/L, BIO 3326/L or BIO 4425. 3/1 hours**

**C. Zoology: Take one Zoology course with its corresponding lab:**

**BIO 3307/L, BIO 3308/L, BIO 4405/L, BIO 4420,  
BIO 4432/L, BIO 4445/L, BIO 4446/L, BIO 4447/L,  
BIO 4448/L, or BIO 4471/L 3/1 hours**

**D. Ecology/Environmental: Take one of the following ecology/  
Environmental courses with its corresponding lab.**

**BIO 2202/L, BIO 4413/L, BIO 4416/L, BIO 4421/L,  
or BIO 4479/L 3/1 hours**

**E. Physiology/Cell/Molecular: Take one of the following  
physiology/cell/molecular biology courses with  
corresponding lab: BIO 3347/L (3/1), BIO 3348/L (3/1),  
BIO 3372/L (3/1), BIO 3382/L (3/1), BIO 3386/L (3/1)  
BIO 4414/L (3/1), BIO 4430/L (3/1), BIO 4433/L (3/1),  
BIO 4451/L (3/1), BIO 4478/L (3/1), BIO 4480/L (3/1),  
or BIO 4482/L (3/1). 3/1 hours**

**F. Major Electives: Take one upper-level (3000-4000)  
Adviser-approved biology course and its corresponding  
lab. Grade of 'C' required in all courses in the major. 3/1 hours**

**Education Major – (39 hours)**

**Minimum grade of 'C' required in all course work in the major.**

**Take the following courses:**

<b>EDU 3305</b>	<b>Microcomputers in Education</b>	<b>3 hours</b>
<b>EDU 3310</b>	<b>The Professional Educator</b>	<b>3 hours</b>
<b>EDU 4471</b>	<b>Curriculum &amp; Instruction Design</b>	<b>3 hours</b>
<b>PSY 3303</b>	<b>Educational Psychology</b>	<b>3 hours</b>
<b>RED 4484</b>	<b>Language &amp; Literacy Learning IV</b>	<b>3 hours</b>
<b>SED 3346</b>	<b>Educational Assessment</b>	<b>3 hours</b>
<b>SED 4400</b>	<b>Classroom Management</b>	<b>3 hours</b>
<b>SPE 3340</b>	<b>Diverse Learners</b>	<b>3 hours</b>
<b>BIO 4481</b>	<b>Methods and Materials</b>	<b>3 hours</b>
<b>SED 4454</b>	<b>Internship Seminar</b>	<b>3 hours</b>

**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.**