

## Department of Biology Graduation Checklist

LD= \_\_\_\_\_ Student: \_\_\_\_\_ E-mail \_\_\_\_\_  
 UD= \_\_\_\_\_ Last First  
 Advisor: \_\_\_\_\_

### BACHELOR OF SCIENCE IN BIOLOGY: CONCENTRATION IN ECOLOGY

<b>Lower Division Requirements (34-35 units)</b>		<i>Units</i>	<input type="checkbox"/>	<i>Equiv. Form if any (✓)</i>
BIOL 230	Introductory Biology I	5		
BIOL 240	Introductory Biology II	5		
CHEM 115	General Chemistry I: Essential Concepts of Chemistry	5		
CHEM 130	General Organic Chemistry	3		

**Four of the five following courses (4-5):**

CHEM 215/ 216	General Chemistry II: Quantitative Appl.of Chem. Concepts/Lab. (3/2)			
MATH 226	Calculus I (4)			
MATH 227	Calculus II (4)			
PHYS 111/ 112	General Physics I/Laboratory (3/1)			
PHYS 121/122	General Physics II and Laboratory (3/1)			

**Total lower division requirements:.....**

**34-35**

**Upper Division Requirements (32-33 units)**

BIOL 337	Evolution	3		
BIOL 355	Genetics	3		
BIOL 458	Biometry	4		

**One of the following physiology courses upon advisement (3):**

BIOL 525	Plant Physiology (3)			
BIOL 630	Animal Physiology (3)			

**Units selected from the following ecology courses upon advisement (6-8)**

BIOL 482	Ecology (4)			
BIOL 529	Plant Ecology (4)			
BIOL 530	Conservation Biology (3)			
BIOL 532	Restoration Biology (3)			
BIOL 534	Wetland Ecology (4)			
BIOL 577	Ecological and Environmental Modeling (4)			
BIOL 580	Limnology (3)			
BIOL 582	Biological Oceanography (4)			
BIOL 585	Marine Ecology (3)			
BIOL 586	Marine Ecology Laboratory (2)			

*Upon advisement, electives from the alternates not used in fulfilling the requirements listed above or any other upper division undergraduate biology courses not specifically excluded for majors credit, or any graduate course in biology: .....*

12-14

<i>Course Num.</i>	<i>Course Title</i>	<i>Units</i>

*Required*

*Completed*

<b>Total upper division requirements:</b>	<b>32-33</b>		
<b>Total units for major:</b>	<b>67</b>		