

**Biology Department  
(revised Spring '09)**

**Biology Major Requirements**

Name \_\_\_\_\_

13 courses are required altogether.							
<b>Grade</b>	<b>Course</b>			<b>Grade</b>	<b>Course</b>		
	BIO 1111	Principles of Biology I			CHE 1101	Introductory Chemistry I	
	BIO 1117	Topics in Biology			CHE 1102	Introductory Chemistry II	
					CHE 2217	Organic Chemistry I	
The courses above, plus seven courses chosen from groups I-IV below, plus a capstone. Five of the seven must be lab courses. Of the seven, take at least one course from each group, plus three more courses distributed over two of the groups.							
<b>GROUP I - Cell/Molecular Biology</b> (at least one course)				<b>GROUP IV - Population/Ecosystem Biology</b> (at least one course)			
<b>Grade</b>	<b>Lab (*)</b>	<b>Course</b>		<b>Grade</b>	<b>Lab (*)</b>	<b>Course</b>	
		BIO 2203	Genetics (*if 2006 or after)			BIO 2209	Environmental Health
		BIO 3301	Immunology*			BIO 2234	Marine Biology*
		BIO 3310	Cell Biology*			BIO 3317	Ecology* %
		BIO 3311	Advanced Genetics - Molecular			BIO 2265	Coral Reef Biology
		BIO 2208	Molecular Biology*			BIO 2202	Evolution
		BIO 33xx	Genomics*				
<b>GROUP II - Organismal Biology</b> (at least one course)				<b>CAPSTONE (One of these)</b>			
<b>Grade</b>	<b>Lab (*)</b>	<b>Course</b>		<b>Grade</b>		<b>Course</b>	
		BIO 3309	Advanced Genetics - Human			BIO 4492	Senior Poster Presentation
		BIO 3316	Animal Physiology*			BIO 4493	Senior Capstone Course
		BIO 3323	Developmental Biology				
		BIO 2202	Comparative Anatomy*				
		BIO 2206	Epidemiology				
		BIO 2225	Endocrinology				
		BIO 2221	Neurobiology				
<b>GROUP III - Diversity</b> (at least one course)				<b>**Alternate lab courses</b>			
<b>Grade</b>	<b>Lab (*)</b>	<b>Course</b>		<b>Grade</b>	<b>Lab (*)</b>	<b>Course</b>	
		BIO 2205	Invertebrate Zoology*			BIO 1172	Tropical Marine Biology
		BIO 2204	Botany*			BIO 2211	Human Physiology
		BIO 22xx	Field and Taxonomic Botany*				
		BIO 22xx	Microbiology*				
		BIO 2218	Parasitology*				
		BIO 2201	Vertebrate Diversity*				
				* denotes a lab course			
				** BIO 1172 and 2211 may be included as part of the five required labs but you still need seven courses from the groups.			
				% Either Ecology or Conservation Biology, but not both			
				<b>GPA -- 2.00 IN THESE COURSES</b>			