

Bachelor of Science in Biology			
MAJOR REQUIREMENTS/BIOLOGY: 45 Credits		Credits	
<p>8 Credits of Biology Electives from among:</p>	<p>BY109: Intro to Biodiversity & Evolution BY110: Intro to Cell & Molecular Biology</p>	<p>4.0 4.0</p>	
	<p>BY203: Invertebrate Zoology or BY204: Vertebrate Zoology</p>	<p>3.0</p>	
	<p>BY213: Biology of Vascular Plants or BY214: Botany</p>	<p>3.0</p>	
	<p>BY223: General Microbiology BY310: Biochemistry and Laboratory BY370: Cell Biology BY375L: Lab Molecular & Cell BY423: Genetics BY425: Principles of Developmental Biology</p>	<p>4.0 4.0 3.0 3.0 4.0 4.0</p>	
	<p>BY111, BY112, BY340, BY324, BY406, BY410, BY475, BY499</p>	<p>8.0</p>	
	<p>BY495: Senior Seminar & Portfolio</p>	<p>1.0</p>	
	REQUIREMENTS OUTSIDE MAJOR: 30 Credits		Credits
		<p>MA115: Math Models in Biology or MA116: Calculus for Biology or MA125: Calculus with Analytic Geometry I</p>	<p>3.0</p>
		<p>MA151: Statistics with Applications</p>	<p>3.0</p>
		<p>CE111: General Chemistry</p>	<p>3.0</p>
		<p>CE111L: General Chemistry Lab</p>	<p>1.0</p>
		<p>CE112: General Chemistry</p>	<p>3.0</p>
<p>CE112L: General Chemistry Lab</p>		<p>1.0</p>	
<p>CE241: Organic Chemistry</p>		<p>3.0</p>	
<p>CE241L: Organic Chemistry Lab</p>		<p>2.0</p>	
<p>CE242: Organic Chemistry</p>		<p>3.0</p>	
<p>PH105: Physics for the Life Sciences</p>		<p>3.0</p>	
<p>PH105L: Physics for the Life Sciences Lab</p>		<p>1.0</p>	
<p>PH106: Physics for the Life Sciences</p>		<p>3.0</p>	
<p>PH106L: Physics for the Life Sciences Lab</p>		<p>1.0</p>	
FREE ELECTIVES: 17 Credits		Credits	
		<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>17.0</p>

Bachelor of Science in Biology		
GENERAL EDUCATION REQUIREMENTS: 36 Credits		Credits
First Year Seminar	FY-101: First Year Seminar *(Select Section "BY")	3.0
Reading and Writing	EN101: College Composition I	3.0
	EN102: College Composition II	3.0
Mathematics	Fulfilled in Outside Major Requirements with MA115, MA116, MA125, or MA151	0.0
Natural Sciences	Fulfilled in Major Requirements with required BY courses	0.0
Literature	3 Credits from courses designated with Course*Type: LIT	3.0
Aesthetics and Creativity	3 Credits from Art, Music, Theatre, or Dance	3.0
Technological Literacy	IT102: Information Technology for Scientists	3.0
Reasoned Oral Discourse	Fulfilled in Major Requirements with BY375L or BY495	0.0
Historical Perspective	3 Credits from courses designated with Course*Type: HS.SV	3.0
Social Science	3 Credits from courses designated with Course*Type: SS.SV	3.0
Historical Perspective/Social Sciences	3 Credits from courses designated with Course*Type: HS.SV	3.0
	or 3 Credits from courses designated with Course*Type: SS.SV	
Interdisciplinary Perspectives	3 Credits from courses designated with Course*Type: ISP	3.0
Cultural Diversity/Global Understanding	3 Credits from courses designated with Course*Type: CD	6.0
	3 Credits from courses designated with Course*Type: GU	
	or 6 Credits from the SAME foreign language	
Experiential Education	One course designated with Course*Type: EX	0.0
Writing Intensive	Two courses from Biology (BY) designated with Course*Type: WT	0.0
		0.0

Total Credits for Bachelor of Science in Biology = 128

NOTES:

* 58 credits must be completed at the 200 level or higher.