Bachelor of Science in Biology		
AJOR REQUIREMENTS/BIOLOG	Y: 45 Credits (a)	Credits
	BY-109: Intro to Biodiversity & Evolution	4.0
	BY-110: Intro to Cell & Molecular Biology	4.0
	BY-205: Zoology	3.0
	BY-214: Botany	3.0
	BY-223: General Microbiology	4.0
	BY-310: Biochemistry and Laboratory	4.0
	BY-370: Cell Biology	3.0
	BY-375L: Lab Molecular & Cell	
		3.0
	BY-423: Genetics	4.0
	BY-425: Principles of Developmental Biology	4.0
Take 8 Credits of Biology from the Following Courses:		8.0
	BY-211: Physiology with Anatomy I	
	BY-212: Physiology with Anatomy II	
	BY-324: Applied Microbiology	
	BY-340: Ecology	
	BY-406: Introduction to Neurosciences	
	BY-410: Molecular Biology	
	BY-475: Endocrinology	
	BY-499: Independent Study in Biology	
	BY-495: Senior Seminar	1.0
REQUIREMENTS OUTSIDE MAJOR: 30 Credits		Credits
	MA-115: Introduction to Mathematics Models in Biological Science	3.0
or	MA-116: Calculus for the Biological Science	
or	MA-125: Calculus with Analytic Geometry I	
	MA-151: Statistics with Applications	3.0
	CE-111: General Chemistry	3.0
	CE-111L: General Chemistry Lab	1.0
	CE-112: General Chemistry	3.0
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	CE-112L: General Chemistry Lab	1.0
	CE-241: Organic Chemistry	3.0
	CE-241L: Organic Chemistry Lab	2.0
	CE-242: Organic Chemistry	3.0
	PH1-05: Physics for the Life Sciences	3.0
	PH-105L: Physics for the Life Sciences Lab	1.0
	PH-106: Physics for the Life Sciences PH-106L: Physics for the Life Sciences Lab	3.0 1.0
	The root. Thy died for the Line Colonico Lab	1.0
REE ELECTIVES: 17 Credits		Credits
		17.0

ENERAL EDUCATION REQU	IREMENTS: 36 Credits	Credits
First Year Seminar	FY-101: First Year Seminar *(Select Section "BY")	3.0
Reading and Writing	EN-101: College Composition I	3.0
	EN-102: College Composition II	3.0
Mathematics	Fulfilled in Outside Major Requirements with MA-115, MA-116, MA-125, or MA-151	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	IT-102: Information Technology for Scientists	3.0
Reasoned Oral Discourse	Fulfilled in Major Requirements with BY-375L and BY-495	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 or 3 Credits from courses designated with Course*Type: SS.SV	3.0
Interdisciplinary Perspectives	3 Credits from courses designated with Course*Type: ISP	3.0
Cultural Diversity and Global Understanding or Foreign Language	3 Credits from courses designated with Course*Type: CD and 3 Credits from courses designated with Course*Type: GU or 6 Credits from the SAME foreign language	6.0
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

Minimum Credits for Bachelor of Science in Biology = 128.0

## NOTES:

<sup>\* 58</sup> credits must be completed at the 200 level or higher.