

## MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS BIOLOGY**

Option:

Major Field Requirements: **43.0 credits**

Other Requirements: **35.0 - 39.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

Course No.	Short Title	C.H.	Grade	Q.P.	Course No.	Short Title	C.H.	Grade	Q.P.
<b>REQUIRED BIOLOGY COURSES (25.0-26.0 credits)</b>					<b>Required Related (35.0 - 39.0 credits)</b>				
BIOL	101	Foundations of Biol	4.0	_____	<b>Chemistry (20.0 credits)</b>				
BIOL	211	Concepts of Zoology	4.0	_____	CHEM	111	Intro to Chem I	4.0	_____
BIOL	221	Concepts of Botany	4.0	_____	CHEM	112	Intro to Chem II	4.0	_____
BIOL	343	Ecology & Evolution	4.0	_____	CHEM	231*	Organic Chem I	4.0	_____
BIOL	362	Cell & Development	4.0	_____	CHEM	232	Organic Chem II	4.0	_____
BIOL	364	Genetics & Mole Bio	4.0	_____	CHEM	326	Biochemistry I	4.0	_____
BIOL	472	or 470 Seminar in Bio	1.0-2.0	_____	NOTE: Those wishing to complete a Chemistry minor must complete CHEM 265 (Quantitative Analysis) in addition to those Chemistry courses listed above.				
<b>Biology Electives (17.0-18.0 credits)</b>					* Must earn a C- or higher in CHEM 231 before completing CHEM 232.				
In consultation with your advisor, choose additional biology courses to bring total biology courses to 43.0 credits. A minimum of 12 elective credits must be at the 300-level or higher and approved for the major.					<b>Mathematics &amp; Computer Science (7.0-9.0 credits)</b>				
BIOL	_____	_____	_____	_____	MATH	161	Calculus I	4.0	_____
BIOL	_____	_____	_____	_____			---- or ----		
BIOL	_____	_____	_____	_____	MATH	163	Honors Calculus	5.0	_____
BIOL	_____	_____	_____	_____			---- AND ----		
BIOL	_____	_____	_____	_____	MATH*	_____	_____	_____	_____
BIOL	_____	_____	_____	_____			---- or ----		
Note: Those planning to go to graduate or professional school should inquire about specific admissions requirements for the program of their choice.					CSCI**	_____	_____	_____	_____
					*Note: Only MATH courses numbered 160 or above may be used to fulfill these requirements.				
					**Numbered CSCI 140 or above.				
					<b>Physics (8.0 - 10.0 credits)</b>				
					PHYS	131	Physics I with Algebra	4.0	_____
					PHYS	132	Physics II with Algebra	4.0	_____
							---- or ----		
					PHYS	231	Phys I with Calculus	5.0	_____
					PHYS	232	Phys II with Calculus	5.0	_____
					<b>General Electives (as necessary)</b>				
					_____	_____	_____	_____	_____
					_____	_____	_____	_____	_____
					_____	_____	_____	_____	_____
					_____	_____	_____	_____	_____