

**BSc (3-YEAR) BIOLOGY: DEGREE REQUIREMENTS FOR 2021-2022**  
**PROGRAM TOTAL CREDITS REQUIRED: 90 / MINIMUM CGPA FOR CONFERRAL: 2.00**

	CR REQ	CRS PFX	CRS #	GR	CR		CR REQ	CRS PFX	CRS #	GR	CR
<b>CONCENTRATION REQUIREMENTS - MINIMUM GRADE: C - MINIMUM GPA FOR CONFERRAL: 2.30</b>						<b>BREADTH REQUIREMENTS* - MINIMUM GRADE: D</b>					
Introductory Biology (Lab Course)	3	BIOL	119			<b>RELIGIOUS STUDIES</b>	6				
Biological Diversity (Lab Course)	3	BIOL	120			RELB, RELG, RELH, RELT course >299 (3)		REL_			
Principles of Ecology (Lab Course)	3	BIOL	230			RELB, RELG, RELH, RELT course (3)		REL_			
Heredity (Lab Course)	3	BIOL	277								
Cellular Biology (Lab Course)	3	BIOL	374			<b>HUMANITIES</b>	6				
Speciation	3	BIOL	424			<i>No more than 3 credits from any one discipline</i>					
						Select from: ARTH, ENGL 201, 202, 203, 275, MUHL 165, PHIL					
<b>1 OF THE FOLLOWING:</b>	3					1)					
Animal Physiology (Lab Course)		BIOL	364			2)					
Plant Physiology (Lab Course)		BIOL	365								
						<b>SOCIAL SCIENCES</b>	6				
<b>FROM THE FOLLOWING (BIOL &gt;299)</b>	15					Select from: ANTH, ECON, HIST, INTL, PLSC, PSYC, SOCI					
Conservation Biology		BIOL	318			1)					
Boreal Ecology		BIOL	320			2)					
Vertebrate Biology (Lab Course)		BIOL	327								
Histology (Lab Course)		BIOL	340			<b>SCIENCES</b>	3				
Invertebrate Biology (Lab Course)		BIOL	350			Select from: HLED, ODPU, OPAT, PEAC, PETH, PHYS, SCNC					
Tropical Field Biology (Lab Course)		BIOL	360								
Northern Field Biology		BIOL	367								
Developmental Biology (Lab Course)		BIOL	375			<b>TOTAL</b>	<b>21</b>				
Introduction to Research		BIOL	391								
Immunology (Lab Course)		BIOL	410								
Flora and Fauna of Alberta (Lab Course)		BIOL	415			<b>ELECTIVES - MINIMUM GRADE: D</b>					
Biogeography		BIOL	425			General Electives >199	6				
Virology		BIOL	435								
Biological Research (1)		BIOL	490			General Electives	12				
Seminar in Biological Sciences (1)		BIOL	496								
Other BIOL 3xx, 4xx											
<b>TOTAL</b>	<b>36</b>					<b>TOTAL</b>	<b>18</b>				
<b>COGNATE REQUIREMENTS - MINIMUM GRADE: D</b>											
Introductory University Chemistry I (Lab Course)	3	CHEM	111								
Introductory University Chemistry II (Lab Course)	3	CHEM	112								
Organic Chemistry I (Lab Course)	3	CHEM	241								
Organic Chemistry II (Lab Course)	3	CHEM	242								
<b>1 OF THE FOLLOWING</b>	3										
Elementary Calculus I		MATH	161								
Introduction to Statistics		MATH	240								
<b>TOTAL</b>	<b>15</b>										

\* Scholars Program replaces Breadth Requirements. See Scholars Advisor for details.