

BIOLOGY

2-YEAR PROJECTED COURSE OFFERINGS • 2023-2025

Note: Check MySeattleU Student Planning for the quarterly schedules because course offerings are tentative and may change.

BIOL Course #	Course Name	2023				2024				Credits	Lab?	Pre- & Co-Requisites**
		Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring			
1100	Principles of Cell & Molecular Biology *	-	X	-	-	-	X	-	-	5	-	C1200 ^{Co}
1200	Principles of Anatomy & Physiology I *	-	-	X	-	-	-	X	-	5	✓	B1100 or B1610+1611; C1200 or C1500+1501
1210	Principles of Anatomy & Physiology II *	-	-	-	X	-	-	-	X	5	-	B1200
1610+1611	Bio I: Molecular & Cellular Biology + Lab	-	X	X	-	-	X	X	-	4+1	✓	High School Chemistry or C1500+1501; M1020
1620+1621	Bio II: Evolution & Ecology + Lab	-	-	X	X	-	-	X	X	4+1	✓	B1610+1611
1630+1631	Bio III: Physiology & Development + Lab	-	X	-	X	-	X	-	X	4+1	✓	B1610+1611
2200	Anatomy & Physiology I *	-	X	X	-	-	X	X	-	5	✓	B1610+1611; C1500+1501
2210	Anatomy & Physiology II	-	-	X	X	-	-	X	X	5	✓	B2200
2220	Principles of Microbiology *	-	-	-	X	-	-	-	X	5	✓	B1100 or B1610+1611; C1200 or C1500+1501
2350	Invertebrate Zoology & Biodiversity Sci.	-	X	-	-	-	X	-	-	5	✓	B1610-1620-1630
2450	Data Science for Biology	-	X	-	X	-	X	-	X	2	-	B1610-1620-1630
2520	Plant Systematics	-	-	-	X	-	-	-	X	5	✓	B1610-1620-1630
2530	Marine Botany	-	-	-	-	-	-	-	-	5	✓	B1610-1620-1630
2600	Ecology	-	X	-	X	-	X	-	X	5	✓	B1610-1620-1630
2700	Genetics	X	X	X	X	-	X	X	X	5	-	B1610-1620-1630
2730	Bioinformatics	-	-	X	-	-	-	X	-	5	-	B1610-1620-1630; B2700
2750+2751	Biotechnology + Lab	-	X	-	X	-	X	-	X	4+2	✓	B1610-1620-1630, B2700 w/≥C+; C1520/1590: BiolGPA ≥2.8
2910	Neurobiology of Pain	+	-	-	-	+	-	-	-	5	✓	
3100	Microbiology	-	X	X	-	-	X	X	-	5	✓	B1610-1620-1630; C2500 ^{Co}
3150	Virology	-	-	-	X	-	-	-	X	5	✓	B1610-1620-1630; C1520/1590; B2700R
3180	Therapeutics of Disease	-	-	-	-	-	X	-	-	5	-	B1610-1620-1630; C1520/1590
3250	Comparative Vertebrate Anatomy	-	-	X	-	-	-	X	-	5	✓	B1610-1620-1630
3300	Developmental Biology	-	-	-	X	-	-	-	X	5	✓	B1610-1620-1630
3500	Evolution	-	-	X	-	-	-	X	-	5	✓	B1610-1620-1630
3650	Marine Biology	-	-	-	X	-	-	-	X	5	✓	B1610-1620-1630, B2350R
3750	Molecular Biology Project Lab	-	X	-	-	-	X	-	-	5	✓	B1610-1620-1630, B2750 w/≥B; C1520/1590;
3760	Protein Project Lab	-	-	X	-	-	-	X	-	5	✓	CMOL Major
3770	Bioinformatics Project Lab	-	-	-	X	-	-	-	-	5	-	B1610-1620-1630, B2730; C1520; CMOL Major
3800	Animal Behavior	+	-	-	X	-	-	-	X	5	✓	B1610-1620-1630
3820	Neurobiology	-	-	X	-	-	-	X	-	5	✓	B1610-1620-1630; C1520/1590
3850	Plant Physiology	-	-	X	-	-	-	X	-	5	✓	B1610-1620-1630; B2700; C2500
3880	Animal Physiology	-	X	-	-	-	X	-	-	5	✓	B1610-1620-1630; C2510
3890	Environmental Physiology	-	-	-	-	+	-	-	-	5	✓	B1610-1620-1630; C2510; M1210
4100	Medical Microbiology	-	-	-	X	-	-	-	X	5	-	B1610-1620-1630; B2220 or B3100; C2500
4150	Immunology	-	X	-	-	-	X	-	-	5	-	B1610-1620-1630; B2700; C2500; Jr
4620	Marine Ecology	+	-	-	-	-	-	-	-	5	✓	B1610-1620-1630
4630	Forest Ecology	+	-	-	-	-	-	-	-	5	✓	B1610-1620-1630
4640	Aquatic Ecology	+	-	-	-	-	-	-	-	5	✓	B1610-1620-1630
4650	Conservation Biology	-	-	X	-	-	-	X	-	5	✓	B1610-1620-1630
4670	Wildlife Biology	-	-	-	-	-	-	-	-	5	✓	B1610-1620-1630
4700	Molecular Genetics	-	-	-	-	-	-	X	-	5	-	B1610-1620-1630; B2700w/≥B; C2500; Jr
4750+4751	Cell Biology + Lab	-	X	X	X	-	X	X	X	4+2	✓	B1610-1620-1630; B2700; C2500; Jr
4991	Senior Synthesis I	-	X	-	-	-	X	-	-	2	-	B1610-1620-1630; biology senior
4992	Senior Synthesis II	-	-	X	-	-	-	X	-	2	-	B4991; biology senior
4993	Senior Synthesis III	-	-	X	X	-	-	X	X	1	-	B4992; biology senior
4996	Senior Synthesis Seminar	-	-	X	X	-	-	X	X	1	-	B4991; biology senior

* = no credit towards BS.BIOL, BS.CMOL, or BS.MCON degrees
 ** All Biology prerequisite courses require a

X = course offered in this quarter
 + = summer course at Blakely Island; courses change each summer; refer to

B=Biology; C=Chemistry
 M=Math; R=recommended
 Co=corequisite (or previously completed)
 Jr= junior standing



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 Updated 11May23