

BIOLOGY

2-YEAR PROJECTED COURSE OFFERINGS • 2022-2024

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

BIOL Course #	Course Name	2022						2023						Credits	Lab?	Pre- & Co-Requisites**
		Summer	Fall	Winter	Spring	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+161	Bio I: Molecular & Cellular Biology +	-	X	X	-	-	X	X	-	-	-	4+1	✓		High School Chemistry or C1500+1501;	
1620+162	Bio II: Evolution & Ecology + Lab	-	-	X	X	-	-	X	X	-	-	4+1	✓		B1610+1611	
1630+163	Bio III: Physiology & Development +	-	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; BioGPA ≥2.8	
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	-	-	-	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;	
3760	Protein Project Lab	-	-	X	-	-	-	X	-	-	-	5	✓		C1520/1590; 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	
4650	Conservation Biology	-	-	X	-	-	-	X	-	-	-	5	✓		B1610-1620-1630	
4670	Wildlife Biology	-	-	-	-	-	-	-	-	-	-	5	✓		B1610-1620-1630	
4700	Molecular Genetics	-	-	X	-	-	-	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 Presentation	-	-	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 grade of C or better.

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

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



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