

# Biological Sciences Course Rotations 2020-2022

This information is subject to change; use it as a guide (not a guarantee) for course offerings.

BIOL		Cr	2019	2020	2020	2020	2020	2021	2021	2021	2021	2022	2022	2022	Prerequisites	Typical Rotation
			F	W	Sp	Sum	F	W	Sp	Sum	F	W	Sp	Sum		
101	Fundamentals of Biology	5	x	x	x	x	x	x	x	x	x	x	x	x	None	Every quarter
181	General Biology I	5	x	x	x		x	x	x		x	x	x		Chem 181 pre- or coreq	Fall Winter and Spring
182	General Biology II	5		x	x			x	x			x	x		BIOL181, Chem 182 pre- or coreq	Winter and Spring
183	General Biology III	5	x		x		x		x		x		x		BIOL182, Chem 183 pre- or coreq	Spring and Fall
200	Plants in Modern World (Non-Majors)	5		X		o		x		o		x		o	None	Winter and Summer
201	Human Physiology (Non-Majors)	5		x	x	o	x	x	x	o	x	x	x	o	None	Every quarter
213	Introductory Biostatistics	4	x	x	x	o	x	x	x	o		x	x	o	BIOL182 and MATH130 or higher	Every quarter
220	Intro. Cell Biology (Non-Majors)	5	x			x	x			x	x			x	CHEM113 or CHEM183	Fall and Summer
305	Human A & P for Health-Rel. Majors I	5		x				x				x			EXSC351 and EXSC351Lab or BIOL220	Winter
306	Human A & P for Health-Rel. Majors II	5			x				x				x		BIOL305	Spring
321	Genetics	5	x	x	x	x	x	x	x	x	x	x	x	x	BIOL183 & BIOL213 or CHEM332/332L	Every quarter
322	Intro. Microbiology (Non-Majors)	5		x		x		x		x		x		x	BIOL182 or BIOL220	Winter and Summer
323	Microbiology	5	x		x		x		x		x		x		BIOL 213 and BIOL183 or BIOL220	Fall and Spring
341	Plant Taxonomy	5			x				?				x		BIOL183 or BIOL200 or by permission	Every Spring
343	Plant Form and Function	5			x								x		BIOL183	Spring even years
344	Forest Ecology	4				x				?				?	BIOL183	Summers
351	General Entomology	5							x						BIOL183	Spring odd years
352	Parasitology	5		x								x			BIOL183	Winter even years
353	Integrative Anatomy	6	x				x				x				BIOL183 or EXSC350 and EXSC350Lab	Every Fall
354	Developmental Biology	5									x				CHEM361 and BIOL183	Fall odd years
355	Human Anatomy & Physiology I	5	x			x	x			x	x			x	BIOL183	Fall and Summer
356	Human Anatomy & Physiology II	5		x		x		x		x		x		x	BIOL355	Winter and Summer
360	General Ecology	5	x		x		x		x		x		x		BIOL183 & BIOL213 & MATH153 or higher	Fall and Spring
362	Biomes of the Pacific Northwest	4				x				x				x	BIOL181	Summer
371	Paleobiology	4		x								x			BIOL181, cross listed with GEOL371	Winter even years
377	Regional Natural History	2							x				x		Instructor consent required	Spring, when offered
377L	Lab Regional Natural History	3						x				x			BIOL377	Winter when offered
405	Current Topics in Biology	2-5		?	?		?	?	?		?	?	?		BIOL213	Most Academic-year Quarters
413	Advanced Biostatistics	5		x								x			BIOL213	Winter even years
420	Environmental Microbiology	5										x			BIOL323 and CHEM362	Winter, next in 2022
421	General Virology	5	x				?				x				BIOL430 or BIOL321 or CHEM432	Fall every year
422	Immunology	5			x		x				x				BIOL183 or BIOL220 and CHEM361	Once per year
423	Tech Immunology and Virology	5											?		BIOL421 or BIOL422	Spring next in 2022?
425	Molecular Biotechnology	5			x		x		x		x		x		BIOL321	Spring, likely Fall too
426	Medical Microbiology	3		x				?				x			BIOL323	Every Winter
426	Medical Microbiology Laboratory	2						?							BIOL323 co-req BIOL426	Winter odd years
428	Nutrigenomics	5			x								x		BIOL321 or CHEM432 or permission	Spring even years
430	Cell Biology	5		x	x			x	x			x	x		CHEM361, CHEM361L and BIOL183	Winter, likely Spring too
431	Cell Biology of Cancer	3							x						BIOL430 or CHEM431	Spring odd years
431L	Cell Biology of Cancer Lab	2							?						Pre-or Co-requisite BIOL431	Spring odd years
435	Cell Analysis by Flow Cytometry	4							x						BIOL321 and CHEM361	Spring odd years
441	Plant Physiology	5		x				x				x			BIOL183 and BIOL213 and CHEM361	Winter
443	Mycology	5							x						BIOL183	Spring odd years
444	Algae and Bryophytes	5							x						BIOL183	Spring odd years
445	Field Mycology	5									x				BIOL183	Fall odd years
450	Ichthyology	4	x				x								BOIL183 and BIOL213	Fall even years
451	Herpetology	4			x								x		BIOL183	Spring even years
453	Mammalogy	5			x								x		BIOL183	Spring even years

