

Biological Sciences Course Rotations 2020-2022

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

	rev. 10-15-20		2020	2021	2021	2021	2021	2022	2022	2022		
BIOL		Cr	F	W	Sp	Sum	F	W	Sp	Sum	Prerequisites	Typical Rotation
101	Fundamentals of Biology	5	o	o	o	x	x	x	x	x	None	Every quarter
181	General Biology I	5	o	o	o		x	x	x		Chem 181 pre- or coreq	Fall Winter and Spring
182	General Biology II	5		o	o			x	x		BIOL181, Chem 182 pre- or coreq	Winter and Spring
183	General Biology III	5	o		o		x		x		BIOL182, Chem 183 pre- or coreq	Spring and Fall
184	First Year Experience (Non-Majors)		o	o	o		x	x	x		None	Fall Winter and Spring
200	Plants in Modern World (Non-Majors)	5		o	o	o		x		o	None	Winter and Summer
201	Human Physiology (Non-Majors)	5	o	o	o	o	x	x	x	o	None	Every quarter
213	Introductory Biostatistics	4	o	o	o	o	x	x	x	o	BIOL182 and MATH130 or higher	Every quarter
220	Intro. Cell Biology (Non-Majors)	5	o			x	x			x	CHEM113 or CHEM183	Fall and Summer
305	Human A & P for Health-Rel. Majors I	5		o					x		EXSC351 and EXSC351Lab or BIOL220	Winter
306	Human A & P for Health-Rel. Majors II	5			o					x	BIOL305	Spring
321	Genetics	5	ox	o	o	x	x	x	x	x	BIOL183 & BIOL213 or CHEM332/332L	Every quarter
322	Intro. Microbiology (Non-Majors)	5		o		x		x		x	BIOL182 or BIOL220	Winter and Summer
323	Microbiology	5	o		o		x		x		BIOL 213 and BIOL183 or BIOL220	Fall and Spring
341	Plant Taxonomy	5								x	BIOL183 or BIOL200 or by permission	Every Spring
343	Plant Form and Function	5								x	BIOL183	Spring even years
344	Forest Ecology	4				?				?	BIOL183	Summers; irregular
351	General Entomology	5									BIOL183	Spring odd years
352	Parasitology	5							x		BIOL183	Winter even years
353	Integrative Anatomy	6	ox				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	ox			x	x			x	BIOL183	Fall and Summer
356	Human Anatomy & Physiology II	5		o		x		x		x	BIOL355	Winter and Summer
360	General Ecology	5	ox		ox		x		x		BIOL183 & BIOL213 & MATH153 or higher	Fall and Spring
362	Biomes of the Pacific Northwest	4				x				x	BIOL181	Summer
371	Paleobiology	4		o				x			BIOL181, cross listed with GEOL371	Winter even years
377	Regional Natural History	2		o				x			Instructor consent required	Winter, when offered
377L	Lab Regional Natural History	3		o					x		BIOL377	Spring, when offered
405	Current Topics in Biology	2-5		o	o		x	x	x		BIOL213	Most Academic-year Quarters
413	Advanced Biostatistics	5						x			BIOL213	Winter even years
420	Environmental Microbiology	5							x		BIOL323 and CHEM362	Winter, next in 2022
421	General Virology	5					x				BIOL430 or BIOL321 or CHEM432	Fall every year
422	Immunology	5	o		o		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	o		ox		x		x		BIOL321	Spring, likely Fall too
426	Medical Microbiology	3		o					x		BIOL323	Every Winter
426	Medical Microbiology Laboratory	2									BIOL323 co-req BIOL426	Winter odd years
428	Nutrigenomics	5	ox							x	BIOL321 or CHEM432 or permission	Spring even years
430	Cell Biology	5		o				x	x		CHEM361, CHEM361L and BIOL183	Winter, Spring (NOT Spr 2021)

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BIOL		Cr	F	W	Sp	Sum	F	W	Sp	Sum	Prerequisites	Typical Rotation
431	Cell Biology of Cancer	3									BIOL430 or CHEM431	Spring odd years
431L	Cell Biology of Cancer Lab	2									Pre-or Co-requisite BIOL431	Spring odd years
432	Epigenetics	5			ox						BIOL 321 or CHEM 431	Spring odd years?
435	Cell Analysis by Flow Cytometry	4						?			BIOL321 and CHEM361	Spring odd years
441	Plant Physiology	5		ox				x			BIOL183 and BIOL213 and CHEM361	Winter
443	Mycology	5			o						BIOL183	Spring odd years
444	Algae and Bryophytes	5			ox?						BIOL183	Spring odd years
445	Field Mycology	5					x				BIOL183	Fall odd years
450	Ichthyology	4	ox								BOIL183 and BIOL213	Fall even years
451	Herpetology	4							x		BIOL183	Spring even years
453	Mammalogy	5							x		BIOL183	Spring even years
454	Histology	3		o				x			BIOL353 or BIOL356 or EXSC351 and EXSC351Lab	most Winters
455	Integrative Animal Physiology	5			o				x		BIOL183 and BIOL213	Spring
457	Fundamentals of Neuroscience	5			o						BIOL 183 and CHEM431 or BIOL430	Spring odd years
459	Winter Biology	4		ox				x			BIOL183 and BIOL213	Winter even years
461	Community Ecology	3									BIOL360	Fall even years
461LAB	Community Ecology Lab	2									BIOL461 pre- or coreq	Fall even years
(405)	Ecosystem Ecology	3		o							BIOL213	Initial offering as BIOL 405 in W21
462	Wildlife and Fisheries Ecology	5			ox						BIOL 360	Spring odd years
463	Limnology	5							x		BIOL 360	Spring even years
464	Terrestrial Plant Ecology	5					x				BIOL 360	Fall odd years
465	Biology of Animal Behavior	4		o				x			BIOL213 or PSY362	Every winter
466	Conservation Biology	5			x				x		BIOL360	Spring
467	Biological Field Techniques	5				x				x	BIOL 360 or by permission	Every summer
470	Mechanisms of Evolution	5	o	o	o		x	x	x		BIOL321	Fall, Winter and Spring
487	Biology Capstone	1	o	o	o		x	x	x		Senior Standing	Fall, Winter and Spring
505	Current Topics in Biology	2	ox	o							Graduate level; open to seniors with instructor permission	
CRBW	Craft Brewing											
312	Brewing Microbiology	4			x						accepted to CRBW Program, age 21+	
317	Principles & Biochemistry of Brewing	4	o								CHEM 101 and CHEM 111 or CHEM 181 and MATH 153 with a C or higher	
360	Brewing Process Technology	3		o							CHEM 101 and CHEM 111 or CHEM 181 and MATH 153 with a C or higher	
450	Sensory Analysis for Brewing	5			x						CRBW 317, acceptance to Craft Brewing Program	
470	Current Topics in Brewing	1-6	ox								accepted to CRBW Program, age 21+	
487	Craft Brewing Capstone	2			o						accepted to CRBW Program, age 21+	