

Bachelor of Arts in Biology

2024-2025 Catalog

In order to earn the Bachelor of Arts in Biology degree from Seattle University, students must complete a minimum of 180 quarter credits with cumulative and major/program grade point averages of 2.0, including:

			prereqs	credits	quarter?
I. Core Curriculum Requirements:	UCOR 1100	Academic writing seminar	—	5	
	UCOR 1300	Creative expression and interpretation	—	5	
	UCOR 1400	Inquiry seminar in humanities	—	5	
	UCOR 1600	Inquiry seminar in social sciences	—	5	
	UCOR 2100	Theological explorations	UCOR 1100	5	
	UCOR 2500	Philosophy of the human person	UCOR 1100	5	
	UCOR 2900	Ethical reasoning	UCOR 2500	5	
	UCOR 3100	Religion in a global context	UCOR 2100	5	
	UCOR 3400	Humanities and global challenges	75 credits + UCOR 1400	5	
	UCOR 3600	Social science and global challenges	75 credits + UCOR 1600	5	

Note: UCOR 1200 and UCOR 1800 are fulfilled by courses required for Biology majors.

II. Major Curriculum Requirements: ¹	BIOL 1400	Biology First-Year Experience	1	
	BIOL 1610+1611	Cell and Molecular Biology + Lab	4+1	
	BIOL 1620+1621	Evolution and Ecology + Lab	4+1	
	BIOL 1630+1631	Physiology and Development + Lab	4+1	
	BIOL 2700 ⁴	Genetics	5	
	BIOL A: ³	Organismal Biology and Physiology	Pick one: BIOL 2200 ² , 2210, 3250, 3300, 3850, 3880 or 3890	5
	BIOL B: ³	Field Biology and Diversity	Pick one: BIOL 2350, 2520, 2530, 2600, 3500, 3650, 3800, 4600, 4620, 4630, 4640, or 4650	5
	BIOL C: ³	Microbiology, Genetics, Cell & Mol. Biology	Pick one: 2220, 3100, 3150, 3820, 4100, 4150, 4700, or 4750+4751	5-6
	BIOL electives ³	BIOL 2100 or higher	10	

Senior Synthesis: (6 req'd credits; 2 per Q)	BIOL 4991	Senior Synthesis I	2	F
	BIOL 4992	Senior Synthesis II	2	W
	BIOL 4993	Senior Synthesis III	1	S
	BIOL 4996	Biology Senior Synthesis Seminar	1	S

*** **Biology requirements:** **≥ 52**

III. Other Major Curriculum Req'ts: ¹	CHEM 1500+1501	General Chemistry I + Lab I	4+1	
	CHEM 1510+1511	General Chemistry II + Lab II	4+2	
	CHEM 1520 or 1590	General Chemistry III or Research-Focus GC III	4-5	
	MATH 1210, 1230, or 1334	Statistics for Life Sciences, Calculus for Life Sciences, or Calculus I	5	
	Natural/Physical Sciences	Complete any 10 credits from: CHEM ≥2100, CPSC ≥1220, ENSC ≥3000, MATH ≥1210, PHYS ≥1050+1051	10	
	Science Elective(s) ⁵	BIOL/CHEM/CPSC/MATH etc. ⁵ (approved by dept)	10	

*** **Other science requirements:** **≥ 40**

*** **Total Major Curriculum Requirement credits required for graduation:** **≥ 92**

- Notes:**
- 1 In prerequisite courses, grades of at least C are required in biology and at least a C- in other sciences.
 - 2 If BIOL 2200 is selected, BIOL 2210 will be taken as an elective.
 - 3 At least 15 credits of the non-Senior Synthesis Biology courses (BIOL A, B, C, and electives) must be either 3000- or 4000-level courses.
 - 4 A minimum grade of C is required in BIOL 2700, Genetics, for graduation.
 - 5 A science elective course is typically a majors course for that department and may be a biology course.