

Bachelor of Arts in Biology

From the **2014-2015** Catalog • 5/1/14

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 1300,1400	5	
UCOR 3600	Social Science and global challenges	75 credits + UCOR 1300,1600	5		

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

II. Major Curriculum Requirements:	BIOL 1610+1611*	General Biology I + Lab I	4+1	
	BIOL 1620+1621*	General Biology II + Lab II	4+1	
	BIOL 1630+1631*	General Biology III + Lab III	4+1	
	BIOL 2700 ³	Genetics	5	
	BIOL A ² <i>Organismal Biology and Physiology</i>	Pick one: BIOL 2200 ¹ , 2210, 3250, 3310, 3850, 3880 or 3890	5	
	BIOL B ² <i>Field Biology and Diversity</i>	Pick one: BIOL 2350, 2520, 2600, 3500, 3650, 3660, 3800, 4620, or 4640	5	
	BIOL C ² <i>Microbiology, Genetics, Cell & Mol. Biology</i>	Pick one: 2220, 3100, 3150, 3820, 4100, 4150, 4700, or 4750+4751	5-6	
	Biology Electives ² (BIOL 2200 or higher)	10		

Senior Synthesis:	BIOL 4994	Independent Experience (<i>senior research</i>)	≥ 2	
	BIOL 4996	Senior Synthesis Seminar	1	
	or: BIOL 4992	Biology Senior Synthesis	3	

* Note: In order to enroll in BIOL 1620/1621 or 1630/1631, a C- or better in BIOL 1610/1611 is required. Also, a C- or better in each of these courses is a prerequisite for most biology courses above BIOL2220.

III. Other Major Curriculum Req'ts:	CHEM 1500+1501	General Chemistry I + Lab I	4+1		
	CHEM 1510+1511	General Chemistry II + Lab II	4+1		
	CHEM 1520+1521	General Chemistry III + Lab III	4+1		
		Science Elective(s) ⁴ (<i>must be approved by dept</i>)	5		
	Pick option A or B:				
	A MATH 1210, 1334, and 1335	Statistics for Life Sciences, and Calculus I & II	15		
	B MATH 1210 OR MATH 1230 --AND-- Pick 2 of these 4: CHEM 2500+2501 CHEM 2510+2511 PHYS 1050 PHYS 1060	Statistics for Life Sciences or Calculus for Life Sciences Foundations of Organic Chemistry I + Lab Foundations of Organic Chemistry I + Lab Mechanics and Sound Electricity, Magnetism, and Thermodynamics	5 4+2 4+2 5 5		

- Notes:**
- ¹ If BIOL 2200 is selected, BIOL 2210 should be taken as an elective.
 - ² 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.
 - ³ A minimum grade of C is required in BIOL 2700, Genetics.
 - ⁴ A science elective course must be a majors course for that department and may be a biology course.