

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p>Credits: 180</p> <p>Credits in major: 115</p> <p>GPA cumulative minimum: 2.0</p> <p>GPA major minimum: 2.0</p>	<ul style="list-style-type: none"> Students must earn C in prerequisite biology courses. Prerequisites for BIOL 2750/2751: BIOL 1610/1611, 1620/1621, 1630/1631 (C or better), BIOL 2700 (C+ or better); CHEM 1520; biology major GPA ≥2.8. BIOL electives must include: <ul style="list-style-type: none"> Choose one BIOL 3750 Molecular Biology Projects Lab, BIOL 3760 Protein Projects Lab, BIOL 3770 Bioinformatics Project Lab Choose one BIOL 4100 Medical Microbiology, BIOL 4150 Fundamentals of Immunology, BIOL 4700 Molecular Genetics <p>The example below assumes that you have completed the following prerequisites:</p> <p>Enter with Junior standing (90 credits)</p> <p>Have earned a transferable Associate’s degree.</p> <p>One year each of general biology with labs and general chemistry with labs, 2 quarters (12 credits) of organic chemistry with labs, and 1 quarter of calculus (may be calculus for life sciences or business)</p> <p>Students with AST may have additional core requirements depending on community college coursework.</p> <p>The Biology Department Office is in Bannan 150 and may be contacted at (206) 296-5490 or biology@seattleu.edu. Website: http://www.seattleu.edu/scieng/biology/</p>

Your personal program of study may vary from this due to prior educational experience or individual goals. Elective offerings vary from quarter to quarter.

^P Indicates prerequisite required for course ^C Indicates co-requisite required for course

For complete information on courses, pre-requisites, etc., use this information in conjunction with the online Catalog (<http://catalog.seattleu.edu/>) for the current year.

	FALL	CREDITS	WINTER	CREDITS	SPRING	CREDITS
	COURSE		COURSE		COURSE	
JUNIOR	^P BIOL 2700 Genetics	5	^P BIOL 2730 Bioinformatics	5	^P BIOL 2750 + ^C 2751 Biotechnology + Lab	4+2
	^P PHYS 1050 + 1051 Mechanics + Lab	4+1	^P PHYS 1060 + 1061 Waves, Sound, Elect., & Magnetism + Lab	4+1	^P PHYS 1070 + 1071 Thermo, Optics, & Mod Phys + Lab	4+1
	UCOR 2XXX University Core	5	UCOR 2XXX University Core	5	UCOR 2XXX University Core	5
SENIOR	^P BIOL 4991 Senior Synthesis II	2	^P BIOL 4992 Senior Synthesis II	2	^P BIOL 4993 Senior Synthesis III	1
	^P BIOL Elective	5	^P BIOL Elective	5	^P BIOL 4996 Senior Synthesis Seminar	1
	^P MATH 1210 Statistics for Life Sciences	5	^P CHEM 3600 Intro to Biochemistry	5	^P BIOL Elective	5
	^P BIOL 4750 + 4751 Cell Biology + Lab	4+2	UCOR 3400 or 3600 University Core	5	General Electives	2

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	
	UCOR 2100 Theological Explorations	UCOR 3400 – Humanities and Global Challenges -OR-	
	UCOR 2500 Philosophy of the Human Person	UCOR 3600 – Social Sciences and Global Challenges	
	UCOR 2900-2940 Ethical Reasoning		



Science and Engineering Advising Center
 206.296.2500, Engineering 300
 8:30am – 4:30pm Monday - Friday
<http://www.seattleu.edu/scieng/advising/>

This is a sample plan that is subject to change.
Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

Updated 6/14/20