

This is a sample and not the only way to complete this plan. Course credits are in parentheses. *Some classes have prerequisites.

Year 1

Fall	Winter	Spring	Steps for Success
BIOL 1620 + 1621 Evolution and Ecology + Lab* (4+1)	BIOL 1610 + 1611 Molecular and Cellular + Lab* (4+1)	BIOL 1630 + 1631 Physiology and Dev't + Lab* (4+1)	<input type="checkbox"/> Explore your major and draft an educational plan in MySeattleU. <input type="checkbox"/> Meet with your advisor quarterly for discussion & educational plan approval. <input type="checkbox"/> Meet peers, learn about campus activities, and get involved.
CHEM 1500 + 1501 General Chemistry I + Lab* (4+1)	CHEM 1510 + 1511 General Chemistry II + Lab* (4+2)	CHEM 1520 General Chemistry III* (4) or 1590 Research-Focused GC III (5)	
UCOR Module I (5)	UCOR Module I (5)	UCOR Module I (5)	
BIOL 1400 First-Year Experience (1)			

Year 2

Fall	Winter	Spring	Steps for Success
BIOL 2700 Genetics* (5)	BIOL 2730 Bioinformatics* (<i>BIOL Elective for Data Sci Minor</i>) (5)	BIOL Elective* (5)	<input type="checkbox"/> Revise educational plan & meet quarterly with your advisor. <input type="checkbox"/> Be active in campus and local activities. <input type="checkbox"/> Attend career events.
MATH 1230 Calculus for Life Sci* [+MATH 1028 if needed] (5)	MATH 1210 Statistics for Life Sci* (<i>Stats for Data Sci Minor</i>) (5)	CPSC 1220 Data-driven Prob Solv & Pgm'ng* (<i>Phys Sci for DS Minor</i>) (5)	
UCOR Module I (5)	UCOR Module II* (5)	UCOR Module II* (5)	

Year 3

Fall	Winter	Spring	Steps for Success
BIOL 2750+2751 Biotechnology + Lab* (<i>BIOL Elective</i>) (4+2)	CPSC 2300 Intro to Databases* (<i>Phys Sci for Data Sci Minor</i>) (5)	BIOL 3770 Bioinformatics Project Lab* (<i>BIOL Elective</i>) (5)	<input type="checkbox"/> Revise educational plan & meet quarterly with your advisor. <input type="checkbox"/> Participate in local activities and organizations. <input type="checkbox"/> Investigate career options, attend career events, and think about post-SU educational programs, internships, or fellowships.
PHYS 1050 + 1051 Mechanics + Lab* (4+1)	PHYS 1060 + 1061 Waves, Sound, Elect., & Magnetism + Lab* (4+1)	PHYS 1070 + 1071 Thermo, Optics, & Mod Phys + Lab* (5)	
UCOR Module II* (5)	UCOR Module III* (5)	UCOR Module III* (5)	

Year 4

Fall	Winter	Spring	Steps for Success
BIOL 4991 Senior Synthesis I* (2)	BIOL 4992 Senior Synthesis II* (2)	BIOL 4993 Senior Synthesis III* (1)	<input type="checkbox"/> Finalize plan for graduation & review with your advisor. <input type="checkbox"/> Apply for graduation on mySeattleU. <input type="checkbox"/> Attend career events, consult with a Career Coach or consider school options. <input type="checkbox"/> Apply for jobs, internships, or graduate or professional programs.
BIOL Elective* (5)	BIOL 3850 Plant Physiology* (<i>BIOL Elective</i>) (5)	BIOL 4996 Senior Synthesis Seminar* (1)	
BIOL 2600 Ecology* (5)	DATA 3310 Data Visualization* (5) (<i>Gen Elective for Data Sci Minor</i>)	DATA 3320 Methodology of Data Sci* (<i>Gen Elective for DS Minor</i>) (5)	
UCOR Module III* (5)	General Electives (5)	General Electives (2)	

Continued next page

University Core Requirements

UCOR classes are listed in the sample plan by Module, as shown below. See my.seattleu.edu for prerequisites and www.seattleu.edu/core for course descriptions. Some courses (#) are fulfilled by degree requirements within the major. Honors and Matteo Ricci students have different Core requirements.

Module I

UCOR 1100 Academic Writing Seminar
~~*UCOR 1200 Quantitative Thinking*~~[#]
UCOR 1300 Creative Expression & Interpretation
UCOR 1400 Inquiry Seminar in the Humanities
UCOR 1600 Inquiry Seminar in the Social Sciences
~~*UCOR 1800 Inquiry Seminar in the Natural Sciences*~~[#]

Module II

UCOR 2100 Theological Explorations
UCOR 2500 Philosophy of the Human Person
UCOR 2900 Ethical Reasoning

Module III

UCOR 3100 Religion in a Global Context
UCOR 3400 Humanities and Global Challenges
UCOR 3600 Social Sciences and Global Challenges
~~*UCOR 3800 Natural Sciences and Global Challenges*~~[#]

Important Major Information: BS.BIOL + DASC Minor

- Credits in Major: 114
- Minimum Major GPA: 2.0 (some scholarships may require higher)
- See My.SeattleU.edu for elective options and [the catalog](#) for Data Science Minor requirements, which include programming, statistics, and data science
- Students must earn C in prerequisite biology courses and C- in other prerequisite science courses
- At least 25 credits of BIOL 3000- or 4000-level courses are required
- Questions? Visit Sinegal (SINE) 401 or email biology@seattleu.edu

Resources for Success

- Map out your own plan through My.SeattleU.edu
- Meet with a Career Coach from the [Career Engagement Center](#)
- Sign up for academic support with [Learning Assistance Programs](#)
- Explore career options at the ["What Can I Do with This Major" page](#)
- Learn more about academic advising on the [Advising Services page](#)

Notes

- Refer to Catalog and 2-Year Course Offerings for more BIOL electives and planning
- Plan assumes placement in MATH 1230/1334 by ALEKS exam or college credit, & if MATH 1028 (Trig) has not been fulfilled, it must be a MATH 1230/1334 corequisite
- Electives include options below, 15 credits of BIOL \geq 2210, & a plant course.
 - Choose one: BIOL 2750+2751 Biotechnology+Lab, 3150 Virology, 4700 Molecular Genetics, or 4750+4751 Cell Biology+Lab
 - Choose one: BIOL 2350 Invertebrate Zoology & Biodiversity Science, 2520 Plant Systematics, 3500 Evolution, or 3650 Marine Biology
 - Choose one: BIOL 3250 Comparative Vertebrate Anatomy, 3300 Developmental Biology, 3850 Plant Physiology, or 3880 Animal Physiology
- Discuss your academic and future plans with your Biology Faculty Mentor for discipline-specific guidance and suggestions.



Use MySeattleU Student Planning to plan your courses and work closely with your academic advisor on your educational plan. You are responsible for knowing information and tracking changes.
 Contact your Advising Center for support.

Science & Engineering Advising
se-adv@seattleu.edu

Seattle U Advising Services
<http://www.seattleu.edu/advising>