

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

**Year 1**

| Fall   | Winter   | Spring   | Steps for Success  |
|--|--|--|--|
| BIOL 1610 + 1611 Biol I: Molecular and Cellular + Lab* (4+1) | BIOL 1620 + 1621 Biol II: Evolution and Ecology + Lab* (4+1) | BIOL 1630 + 1631 Biol III: Physiology and Dev't + Lab* (4+1) | <input type="checkbox"/> Explore your major and draft an educational plan in MySeattleU.<br><input type="checkbox"/> Meet with your advisor quarterly for discussion & educational plan approval.<br><input type="checkbox"/> Get involved in campus activities. |
| CHEM 1500 + 1501 General Chemistry I + Lab* (4+1)            | CHEM 1510 + 1511 General Chemistry II + Lab* (4+2)           | CHEM 1520 General Chemistry III* (4)                         |  |
| UCOR Module I (5)  | UCOR Module I (5)  | UCOR Module I (5)  |  |
| BIOL 1910 (1) First-Year Experience                          |  |  |  |

**Year 2**

| Fall   | Winter  | Spring                                       | Steps for Success   |
|--|---|--|---|
| *BIOL 2700 Genetics (5)                                    | BIOL 2730 Bioinformatics* (5)                                   | BIOL 2750 + 2751 Biotechnology + Lab* (5)    | <input type="checkbox"/> Revise educational plan & meet quarterly with your advisor.<br><input type="checkbox"/> Be involved in campus and local activities.<br><input type="checkbox"/> Attend seminars and career events. |
| *CHEM 2500 + °2501 Org. Chem Struct. and React + Lab (4+2) | CHEM 2510 + 2511 Org Chem: Functional Gp Interconv + Lab* (4+2) | MATH 1210 Statistics. for Life Sciences* (5) |   |
| UCOR Module I (5)  | UCOR Module II* (5)   | UCOR Module II* (5)                          |   |

**Year 3**

| Fall   | Winter  | Spring   | Steps for Success   |
|--|---|--|---|
| BIOL Elective* (5)   | BIOL Elective* (5)  | BIOL 4750 + 4751 Cell Biology + Lab* (4+2)             | <input type="checkbox"/> Revise educational plan & meet quarterly with your advisor.<br><input type="checkbox"/> Participate in local activities and organizations.<br><input type="checkbox"/> Investigate career options, attend career events, and consider post-SU educational programs or internships. |
| 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) |   |
| MATH 1230 Calc for Life Sciences (+ MATH 1022 if needed) * (5) | UCOR Module II* (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"/> Review graduation plan with advisor.<br><input type="checkbox"/> Apply for graduation on MySeattleU.<br><input type="checkbox"/> Attend career events and consult with a Career Coach or consider school options.<br><input type="checkbox"/> Apply for jobs, internships, or graduate or professional programs. |
| CHEM 3600 Introductory Biochemistry* (5) | BIOL Elective (5)                  | BIOL 4996 Senior Synthesis Seminar* (1) |   |
| UCOR Module III* (5)                     | UCOR Module III* (5)               | General Electives (10)                  |   |
| General Electives (5)                    |                                    |   |   |

## University Core Requirements

UCOR classes are listed in the sample plan by what module is recommend. See below for UCOR course titles listed by Module. See [my.seattleu.edu](http://my.seattleu.edu) for prerequisites and [www.seattleu.edu/core](http://www.seattleu.edu/core) for course descriptions. Honors and Matteo Ricci students have different Core requirements.

### Module I

**UCOR 1100** Academic Writing Seminar

~~UCOR 1200~~ *Quantitative Thinking (satisfied in major)*

**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 (satisfied in major)*

### Module II

**UCOR 2100** Theological Explorations

**UCOR 2500** Philosophy of the Human Person

**UCOR 2900 or 2910 or 2920** Ethical Reasoning – General, Business, or Health Care

### 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 (satisfied in major)*

## Important Major Information

- Credits in Major: 115
- Minimum Major GPA: 2.0 (some scholarships may require higher)
- Please see [my.seattleu.edu](http://my.seattleu.edu) for elective options. ☒
- Students must earn C in prerequisite biology courses and C- in other prerequisite science courses

## 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

- Asterisk\* denotes prerequisite or co-requisite for class.
- Plan assumes 1) placement into MATH 1230 by SAT/ACT, SU placement exam, or college credit and 2) MATH 1022 (trigonometry) is not needed due to placement exam or college credit; otherwise, MATH 1022 must be a corequisite of MATH 1230 or 1334
- Prerequisites for BIOL 2750+2751 are: BIOL 1610/1611, 1620/1621, 1630/1631 (all C or better), BIOL 2700 (C+ or better); CHEM 1520; biology major GPA  $\geq 2.8$
- BIOL electives must include the following:
  - Choose one: BIOL 3750 Molecular Biology Project Lab, BIOL 3760 Protein Project Lab, BIOL 3770 Bioinformatics Project Lab
  - Choose one: BIOL 4100 Medical Microbiology, BIOL 4150 Fundamentals of Immunology, BIOL 4700 Molecular Genetics