

This plan is a sample and is not the only way to complete this degree's requirements. Numbers of credits are in parentheses. Many 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"/> Review Admissions requirements for your top medical school programs <input type="checkbox"/> Assess your Math needs: 1) Take ALEKS tests via Math Dept 2) Plan assumes completion of MATH 1021 or placement in MATH 1230/1334 <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 or 1590 Gen Chem III or Research-Based III (4 or 5)	
UCOR 1XXX University Core (5)	UCOR 1XXX University Core (5)	MATH 1230 or 1334 Calculus (5) [+ MATH 1028 (2 cr) if needed]	
BIOL 1400 1st-Year Experience (1)			

Year 2

Fall	Winter	Spring	Steps for Success
BIOL Elective (5)	BIOL Elective (5)	BIOL 2700 Genetics (5)	<input type="checkbox"/> Gather volunteer & internship experiences over the summer <input type="checkbox"/> ^ Choose CHEM 2520+2521 if your choices of medical schools require >12 quarter credits of organic chemistry <input type="checkbox"/> BIOL electives include A&P and other choices (see Notes on next page)
CHEM 2500 + 2501 Organic Chem: Struct and React + Lab (4+2)	CHEM 2510 + 2511 Organic Chem: Functional Gp Interconv + Lab (4+2)	General Elective (5) ^ *	
UCOR 1XXX University Core (5)	UCOR 1XXX University Core (5)	MATH 1210 Statistics for Life Sciences (5)	

Year 3

Fall	Winter	Spring	Steps for Success
BIOL Elective (5)	BIOL 4750 + 4751 Cell Biology + Lab (4+2) #	BIOL Elective (5)	<input type="checkbox"/> Decide when you will take the MCAT and prepare for the test <input type="checkbox"/> # CHEM 3600 & BIOL 4750+4751 are recommended in Year 3 or 4 <input type="checkbox"/> Request recommendation letters and consider application plans
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 (4+1)	
UCOR 2XXX University Core (5)	UCOR 2XXX University Core (5)	UCOR 2XXX University Core (5)	

Year 4

Fall	Winter	Spring	Steps for Success
BIOL 2600 Ecology (5)	CHEM 3600 Intro Biochemistry (<i>General Elective</i>) (5) #	BIOL Elective (5)	<input type="checkbox"/> *Suggested behavior courses include PSYC/SOCL/ANTH as general electives <input type="checkbox"/> Track credit hours for graduation. A minimum of 180 credits is required <input type="checkbox"/> Consider options for gap year(s) that will strengthen your future application <input type="checkbox"/> Apply for jobs, internships, programs
General Elective (5) *	General Elective (5) *	General Elective (1 to 5) *	
BIOL 4991 Senior Synthesis I (2)	BIOL 4992 Senior Synthesis II (2)	BIOL 4993 + 4996 Senior Synthesis III and Seminar (1+1)	
UCOR 3XXX University Core (5)	UCOR 3XXX University Core (5)	UCOR 3XXX University Core (5)	

University Core Requirements

UCOR classes are listed in the sample plan by the Modules shown below. Some courses (#) are fulfilled by degree requirements within the major. Honors and Matteo Ricci students have different Core requirements.

See My.SeattleU.edu for prerequisites and www.seattleu.edu/core for course descriptions.

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

- Credits in Major: 114
- Minimum Major GPA: 2.0 (some scholarships may require higher)
- See My.SeattleU.edu for BIOL electives, course descriptions, quarters offered
- At least 25 credits of BIOL 3000- or 4000-level courses are required
- 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

- Medical Schools commonly recommend these courses that are included in the sample plan: genetics, cell/molecular biology, and biochemistry. Behavioral sciences (ex: PSYC/ANTH/SOCL) are suggested as general electives.
- Anatomy and physiology (A&P) and health-related biology courses are also found to be beneficial by students who attend medical school. A&P options include BIOL 3250+3880 (=10 credits of BIOL electives) or BIOL 2200+2210 (BIOL 2210 counts as a BIOL elective for the BS.BIOL degree).
- BIOL electives must include the following and one 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



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>