

## A 4-year plan for prospective Biology majors

These plans represent two of the many possible paths for completing a Biology major. Please discuss your background and career goals with an adviser from the department to explore the best plan for you. Remember that “electives” must be used to satisfy general education requirements. The earlier you formulate a plan, the more options you will have in your schedule; graduating seniors often wish that they’d completed their introductory biology and chemistry coursework earlier.

### *the “typical” 4-yr plan*

Fr	Bio 141: lecture/lab Chem 110: lecture/lab Exploration and Discovery language or elective	Biology 151: lecture/lab Chem 120: lecture/lab Exploration and Discovery language or elective
Soph	200-level Bio elective (Organic Chem 210: lecture/lab if planning grad or med school) or elective Math 123, 131, 255, or CS 171 elective	Biology 200: lecture/lab (Organic Chem 220: lecture/lab if planning grad or med school) or elective elective elective
Jr	300-level Bio elective 300-level Bio elective elective elective	OVERSEAS (either semester of junior year is ideal timing)
Sr	300-level Bio elective 300-level Bio elective Senior Honors Thesis? elective	300-level Bio elective elective Senior Honors Thesis? elective

### *the double major or late starter plan*

Fr	elective (or work in 2 <sup>nd</sup> major) elective Exploration and Discovery language or elective	elective elective Exploration and Discovery language or elective
Soph	Bio 141: lecture/lab Chem 110: lecture/lab elective elective	Bio 151: lecture/lab Chem 120: lecture/lab elective elective
Jr	200-level Bio elective Math 123, 131, 255, or CS 171 elective elective	Bio 200: lecture/lab elective elective elective
Sr	300-level Bio elective 300-level Bio elective 300-level Bio elective elective	300-level Bio elective 300-level Bio elective elective elective

For students on the double major-late starter plan: to go overseas, some coursework must be taken in the summer. The best semester to go overseas is in the fall of the junior or senior years. Students planning to apply to medical or grad school need to add Organic Chemistry to this program.

Also note: both plans assume that a student is prepared to start Math at the level of 123 or 131. If this is not the case, Math 115 (and perhaps even QR 101) must be added.

Finally – for many professions in the biological sciences, it is wise to take a year of Physics and more Math than what is required.