

Getting Started in the Life Sciences

Major	BIOLOGY		NEUROSCIENCE & BEHAVIOR		MOLECULAR BIOLOGY & BIOCHEMISTRY	
Semester	Fall	Spring	Fall	Spring	Fall	Spring
Frosh	MB&B/BIOL 181/191 AND/OR CHEM 141 or 143	BIOL/MB&B 182/192 AND/OR CHEM 142 or 144	MB&B/BIOL 181/191 AND/OR** CHEM 141 or 143	BIOL/MB&B 182/192 AND/OR** CHEM 142 or 144	MB&B/BIOL 181/191 AND/OR CHEM 141 or 143 [▲]	BIOL/MB&B 182/192 AND/OR CHEM 142 or 144 [▲]
Soph	Courses above OR Biology electives	Courses above OR Biology electives	Courses above OR NS&B 213 AND CHEM 251	Courses above OR NS&B Electives AND CHEM 252	Courses above OR MB&B 208 AND CHEM 251	Courses above OR MB&B Electives AND CHEM 252

Students interested in NS&B, particularly those with a strong high school background, are *strongly* encouraged to take both BIOL/MB&B 181/182 **and CHEM 141/142 or CHEM 143/144 in their first year to avoid a heavy course load during the fall semester of sophomore year, especially if you are considering study abroad. Students without a strong high school science background may consider taking one of these courses during the summer if they are offered.

▲Students interested in MB&B should consider taking CHEM 152 (Introductory Chem Lab) during their first year to satisfy the one required semester of a chemistry lab course. CHEM 152 can be taken in either the Fall or Spring semester.

**Students with a strong high school background should consider taking Intro Chem and Intro Biology concurrently in their first year.
Other students should consider taking either Intro Chem or Intro Biology in their first year.**

INTRO CHEMISTRY SEQUENCE

Students taking CHEM 141 in the Fall should take CHEM 142 in the Spring. Students taking CHEM 143 in the Fall should take CHEM 144 in the Spring. Students who have previously taken AP, IB, or A-Level Chemistry in high school must take the CHEM 143/144 series.

AP CREDITS

AP Biology 4 or 5: While placing out of Intro Biology courses is discouraged, students who scored a 4 or 5 on the AP Biology exam may be eligible to place out of either MB&B 181 or BIOL 182. If you are interested in placing out, you are required to consult with an instructor from the relevant course.

AP Chemistry 4 or 5: Students with a strong background may begin with CHEM 251/252 (Organic Chem) but must consult a Chemistry advising expert.

PRE-MED

Students planning to go onto medical school, dental school, or other health profession graduate school should note that **one year each** of introductory biology, physics, and math (ex: calculus or statistics) and **two years** of chemistry (general and organic), including any laboratory components, are required for admission.

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