Navigating the Biochemistry major

**Introductory Chemistry**
Chem1101(F) & 1102(S) or Chem1109

**Chemical Thermodynamics and Kinetics**
Chem2510(F) *

**Introductory Physics I**
Phys1130

**Introductory Physics II**
Phys1140

**Organic Chemistry I**
Chem2250(F)

**Integral Calculus**
Math1700 or 1750

**Biochemistry**
Chem2320(S)

**Organic Chemistry II**
Chem2260(S)

**Introduction to Biology**
Bio1101(F) & 1102(S) or Bio1109

**Biochemistry and Cell Biology**
Bio2124(F)

**2 Electives** (also see notes on left below)
*1 elective must be 3000 or above*
- Biology 2210: Plant Physiology (F)
- Biology 2112: Genetics and Molecular Biology (S)
- Biology 2175: Developmental Biology (F)
- Biology 2118: Microbiology (S)
- Biology 2557: Immunology
- Biology 2566: Molecular Neurobiology (F)
- Biology 3304: Topics in Molecular Biology
- Biology 3306: Free Radicals and Antioxidants
- Biology 3314: Advanced Genetics and Epigenetics
- Biology 3333: Advanced Cell Biology
- Chemistry 2100: Quantitative Analysis (F)
- Chemistry 3250: Structure Determination in Organic Chemistry
- Chemistry 3270: Biomimetic and Supramolecular Chemistry
- Chemistry 3310: Chemical Biology
- Chemistry 3510: Reactivity and Kinetics

*either Phys 1130 or Phys 1140

- F = only offered fall semester
- S = only offered spring semester

- In planning your Biochemistry major, check the course catalog or Polaris for prerequisites for elective courses.
- Upper level elective courses are not necessarily offered every year (italics). If you intend to use a course as a Biochemistry elective, we recommend that you check with the professor to determine when the course will be offered.
- Biology and Chemistry courses taken during study away may count as electives for the Biochemistry major, but they must be approved in advance.
- New courses (not shown) may also count toward the Biochemistry major. If you have a question about whether a course can count as an elective for the Biochemistry major, please contact the Biochemistry Director.