

BIOCHEMISTRY CONCENTRATION

The Departments of Biology and Chemistry jointly offer a concentration that focuses on the study of the chemistry underlying biological structure and function. Concentrators must be enrolled as either biology or chemistry majors.

Requirements

Code	Title
BIOL 161	Introduction to Cell & Molecular Biology
BIOL 301 & BIOL 303	Biochemistry 1 and Biochemistry 1 Lab
	or CHEM 301 Biochemistry
BIOL 302 & BIOL 304	Biochemistry 2 and Biochemistry 2 Lab
CHEM 181	Atoms & Molecules
CHEM 221	Organic Chemistry 1
CHEM 222	Organic Chemistry 2
CHEM 231	Equilibrium & Reactivity
CHEM 336	Chemical Thermodynamics (or equivalent)

One additional biology course with an associated biochemistry-oriented laboratory, in addition to the usual courses required of their major.

Concentrators must also complete a two-semester thesis project in their fourth year involving research on some aspect of biochemistry. Admission to the concentration is competitive and occurs in the second semester of the second year. Interested students should contact the Concentration Coordinator or the chair of either department.