

General Biology and Chemistry (Spring 2026)

Faculty:

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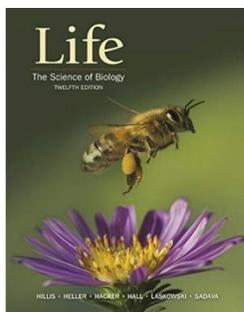
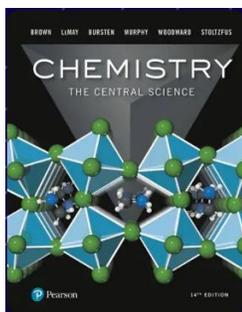
This program will offer an intensive introduction to the concepts and methods of college-level general biology and general chemistry through the examination of theories and structures that underlie the natural sciences. We will cover topics in each discipline that are equivalent to half a year of each course of study. The program is intended for students who are interested in pursuing more advanced coursework in biology, chemistry, and environmental sciences. Assessment of learning will occur through in-class and online quizzes and exams, homework assignments, and laboratory reports. Weekly program activities will include lectures, small-group problem-solving workshops, as well as laboratory work.

Credit Equivalencies: General Biology with Laboratory (8) and General Chemistry with Laboratory (8).

Prerequisites: A solid grasp of algebra II or precalculus

Required Textbooks:

- Chemistry the Central Science, 14th edition; Authors: Theodore Brown et al; Publisher: Pearson
- Life: The Science of Biology, 12th edition; Authors: Hillis et al; Publisher: MacMillan Learning



Weekly Schedule

Monday	Tuesday	Wednesday	Thursday
9:00–1:00 Chemistry Lecture/ Workshop Sem I 2202	9:00–1:00 Biology Lecture/ Workshop Sem I 2202	9:00–11:00 Biology Lecture/ Workshop Sem I 2202 11:00–1:00 Chemistry Lecture/Workshop	9:00– 3:00 Lab Weeks 1,3,5,7 Chemistry Lab: Lab II 3216 Weeks 2,4,6,8 Biology Lab: Lab I 1037/1051
		2:00–4:30 Optional Tutoring Sem I 2201	