

Biochemistry Minor

Program Directors: Jennifer Palenchar, PhD., James W. Wilson PhD

Office Location: Mendel Science Center Rm. 215

Telephone: (610) 519-4840

[\[Website\]](#)

About

Biochemistry is an interdisciplinary major requiring comprehensive coursework in both Biology and Chemistry. The biological relevance of chemical concepts is stressed throughout the curriculum. Students are encouraged to pursue one of the many available research experiences.

Program: Biochemistry

Type: Minor

MINOR: Biochemistry (22 credits)

The Biochemistry minor requires 22 credits not including pre-requisite coursework.

Program Notes:

- Courses that fulfill minor requirements may be used to fulfill other requirements (i.e., primary major, core curriculum, minors, concentrations, or free electives).
- The Biochemistry program offers three mechanisms for participation in research by undergraduate majors. Competitive fellowships for 8-10 weeks of summer research are funded by University, government, or industrial sources. Recipients of these fellowships carry out a research program under the direction of a faculty member. Students may also enroll in research mentored by a faculty member for academic credit during the school year, which fulfills the elective requirement in the relevant department (CHM 4801, 4802, 4803, 4851, 4851 or BIO 6509, 6609). Students may also volunteer in research laboratories. In each case, students should discuss participation in research with Program of Biochemistry faculty members.
- Chemistry courses listed below for the minor may have additional pre-requisite not listed on this page.

Course	Title	Credits
BIO 2105	General Biology I	4
BIO 3351	Genetics	4
BIO 4505	Molecular Biology	4
CHM 4603	Biochem Tech. and Pract.	1
CHM 4621	Biochemistry I: Structure	3
CHM 4622	Biochemistry II:Metabolism	3
CHM 4623	Biochemistry III	3