

# BIOCHEMISTRY

## Biochemistry Major

### REQUIRED COURSES:

- CHEM 101 General Chemistry I
- CHEM 102 General Chemistry II
- CHEM 201 Organic Chemistry I
- CHEM 202 Organic Chemistry II
- CHEM 301 Physical Chemistry
- CHEM 330 Biochemistry
- CHEM 330L Cellular Biochemistry Laboratory
- BIOL 111 Principles of Biology II
- BIOL 334 Cellular Biology
- BIOL 363 Genetic and Molecular Biology
- MATH 151 Calculus
- BIOL/CHEM 370 Biochemistry Seminar (.5 course)
- BIOL/CHEM 398 Research (.25 course)
- BIOL/CHEM 386 Capstone Writing and Presentation in Biochemistry (.5 course)

**In addition to above classes, an additional 8 credits of biology and chemistry electives are required.**

**For those students planning on going to graduate school in a field related to biochemistry, it is recommended to take at least 2 additional electives selected from the following:**

- BIOL 251 Microbiology
- BIOL 285 Developmental Biology
- CHEM 205 Quantitative Analysis
- CHEM 307 Instrumental Analysis
- BIOL/CHEM 398 Independent Research
- BIOL/CHEM 390 Special Topics

***And all of the supporting courses listed below:***

- PHYSICS 151/152 OR 191/192
- MATH 151
- MATH 135