

# Biochemistry (BS) [discontinued]

**Department:** Discontinued Majors

**Type:** Major

## Requirements for the Bachelor of Science in Biochemistry

| Item #   | Title                     | Credits |
|----------|---------------------------|---------|
| CHEM 121 | GENERAL CHEMISTRY I (NQ)  | 4       |
| CHEM 122 | GENERAL CHEMISTRY II (Q)  | 4       |
| CHEM 221 | ORGANIC CHEMISTRY I       | 4       |
| CHEM 222 | ORGANIC CHEMISTRY II (R)  | 4       |
| CHEM 311 | ANALYTICAL CHEMISTRY (W)  | 4       |
| CHEM 321 | PHYSICAL CHEMISTRY I      | 3       |
| CHEM 324 | BIOCHEMISTRY I            | 3       |
| CHEM 325 | BIOCHEMISTRY II           | 4       |
| CHEM 400 | SENIOR RESEARCH (M)       | 2       |
| CHEM 401 | SENIOR RESEARCH (M)       | 2       |
| BIOL 111 | PRINCIPLES OF BIOLOGY (N) | 4       |
| BIOL 222 | GENETICS                  | 4       |
| BIOL 224 | CELL BIOLOGY              | 4       |

Three additional semester hours in Mathematics at the 200-level or above or PSYC 250

Three additional semester hours in biology to be chosen from the following

| Item #   | Title         | Credits |
|----------|---------------|---------|
| BIOL 255 | MICROBIOLOGY  | 4       |
| BIOL 327 | IMMUNOLOGY    | 3       |
| BIOL 328 | BIOTECHNOLOGY | 3       |

Additional courses required as prerequisites for completion of the above include:

| Item #   | Title                               | Credits      |
|----------|-------------------------------------|--------------|
| PHYS 201 | GENERAL PHYSICS I (NQ)              | 4            |
| PHYS 202 | GENERAL PHYSICS II                  | 4            |
| MATH 211 | INTRO CALC/ANALYTIC GEOMETRY I (Q)  | 4            |
| MATH 212 | INTRO CALC/ANALYTIC GEOMETRY II (Q) | 4            |
|          | <b>Total credits:</b>               | <b>52-53</b> |