

Major:

## Chemistry (B.A.)

Departments/Programs:

Chemistry

### Chemistry Major (B.A., 31-32 hours)

| Courses   |           |
|---|-----------|
| CHEM 1110 Chemical Principles I and<br>CHEM 1110L Chemical Principles I Laboratory                          | 4 hours   |
| CHEM 2100 Organic Chemistry I and<br>CHEM 2100L Organic Chemistry I Laboratory                              | 4 hours   |
| CHEM 2110 Organic Chemistry II: Synthesis and Mechanisms and<br>CHEM 2100L Organic Chemistry I Laboratory   | 4 hours   |
| CHEM 1120 Chemical Principles II and<br>CHEM 1120L Chemical Principles II Laboratory                        | 4 hours   |
| CHEM 3090 Organic Chemistry III: Intermediate Organic Chemistry   | 2 hours   |
| CHEM 3510 Physical Chemistry I, Thermodynamics and Kinetics and<br>CHEM 3510L Physical Chemistry Laboratory | 4 hours   |
| CHEM 3440 Analytical Chemistry and Instrumental Analysis  | 4 hours   |
| One upper-level (3000-4990) chemistry course  | 3 hours   |
| CHEM 4980 Chemistry Seminar   | 1 hour    |
| Senior Comprehensive  |           |
| CHEM 4950 Independent Study or<br>CHEM 4960 Special Projects  | 1-2 hours |

An approved supporting program of 20 hours is required and may include one or more minors. PHYS 1600 Principles of Physics I or PHYS 2000 General Physics I and PHYS 1700 Principles of Physics II or PHYS 2100 General Physics II and MATH 1600 Calculus I are required, and MATH 1610 Calculus II is strongly recommended.