A "C" average on all work attempted is required for graduation. No grade below "C-" may be counted toward the major or minor. At least 127 credits are required to earn a degree at Southwestern; of these, 64 credits must be completed in residence, including the last 32 credits. No more than 56 credit hours may be counted in one subject area. A major requires at least 30 credits, 60% upper-level, and a minor (optional) requires at least 18 credits (at least 12 upper-level). With the exception of FRAs and the FY/AES seminar, all gen.ed. requirements require a minimum of 3 credits, including Fine Arts Performance.

### CHEMISTRY MAJOR (BS)

**Major Courses:**

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<tr>
<th>Course</th>
<th>Grade</th>
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<tbody>
<tr>
<td>CHE51-153 Principles of General Chemistry or</td>
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<tr>
<td>CHE51-143 Principles of General Chemistry with Tutorial</td>
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<th>Course</th>
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<tr>
<td>1 (at SU) Inorganic course:</td>
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<tr>
<td>CHE51-624 Intermediate Inorganic Chemistry</td>
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**CHE51-151 Chemical Methods & Techniques Lab**
**CHE51-163/161 Chemical Kinetics and Equilibrium**
**CHE51-822 Chemistry Literature Seminar**

**Capstone (2 options):**
- CHE51-991 Methods in Lab Research (repeated for total of 2 credits)
- CHE51-912 Chem. Lab Capstone (Option 1)
- OR
- CHE51-924 Senior Sem Capstone (Option 2)

**1 (at SU) Organic course:**
- CHE51-543/-541 Organic Chemistry I
- CHE51-553/-561 Organic Chem II for majors

**1 (at SU) Physical course:**
- CHE51-714 Physical Chem.: Thermo/Kinetics

**1 (at SU) Analytical course:**
- CHE51-214 Quantitative Methods of Analysis
- CHE51-614 Environmental Chemistry
- CHE51-644 Instrumentation in Environmental and Bio.

**1 (at SU) Biochemistry course:**
- CHE51-574 General Biochemistry I for Majors
- CHE51-584 General Biochemistry II

**Paideia:**
- **Cluster:**
  - Course 1:
  - Course 2:
  - Course 3:
  - Seminar:
  - Distinction:

**Required B.S. Core Support:** **Must take Calculus I and**

**Electives:**

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**Total credits w/gen ed:**

**Minimum of 127 credits required.**