Major: **Chemistry**  
**2017-2018 - Status Sheet**

**Minor:** Bachelor of Science

120 hours are required to graduate  
36 hours of upper level are required

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### Major Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 201 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>SPCM 101 215 222</td>
<td>3</td>
</tr>
<tr>
<td>MATH: (see major)</td>
<td>3-5</td>
</tr>
<tr>
<td>Natural Science &amp; Lab (see major)</td>
<td>3-5</td>
</tr>
</tbody>
</table>

**Required Core - 33 semester hours**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CHEM 112/L General Chemistry I/Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 114/L General Chemistry II/Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 326/L Organic Chemistry I/Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 328/L Organic Chemistry II/Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 332/L Analytical Chem/Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 342/L Physical Chemistry I/Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 464/L Biochemistry I/Lab</td>
<td>4</td>
</tr>
</tbody>
</table>

**Required Electives - Take 3 courses and corresponding lab if applicable: 9-12 semester hours**

- BIOL 343/L Cell & Molecular Biology/Lab
- CHEM 444/L Physical Chemistry II/Lab
- CHEM 355/L Field Environmental Chemistry/Lab
- CHEM 434/L Instrumental Analysis/Lab
- CHEM 492 Topics
- GEOL 360 Environmental Geochemistry
- MATH 225 Calculus III
- MATH 281 Introduction to Statistics
- MATH 321 Differential Equations
- PHYS 331 Modern Physics
- RESR 498 Research

**Biochemistry Emphasis**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>BIOL 151/L General Biology I/Lab</td>
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</tr>
<tr>
<td>BIOL 153/L General Biology II/Lab</td>
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</tr>
<tr>
<td>CHEM 465/L Biochemistry II/Lab</td>
<td>4</td>
</tr>
</tbody>
</table>

**Take one of the following groups:**

- PHYS 111/L Introduction to Physics I/Lab
- PHYS 113/L Introduction to Physics II/Lab

**Required Electives - Take 2 courses and corresponding lab if applicable: 6-8 semester hours**

- BIOL 317/L Electron Microscopy/Lab
- BIOL 325/L Physiology/Lab
- BIOL 331/L Microbiology/Lab
- BIOL 343/L Cell & Molecular Biology/Lab
- BIOL 371/L Genetics/Lab
- BIOL 381/L Vertebrate Anatomy/Lab
- CHEM 344/L Physical Chemistry II/Lab
- CHEM 434/L Instrumental Analysis/Lab
- CHEM 452/L Inorganic Chemistry/Lab
- CHEM 492 Topics
- RESR 498 Research

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### Gen Ed Requirements

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**Social Science - 2 courses required**

- ABS 203
- ANT 210, 220, 230
- ANTH 201
- CJUS 201
- ECON 201, 202
- GEOG 101, 200, 210, 212, 219
- GLST 201
- HDFS 141, 210
- HIST 151, 152
- INED 211
- INFO 102
- NATV 110
- POLS 100, 102, 141, 165, 210, 250, 253
- PSYC 101
- REL 237
- SOC 100, 150, 240, 250, 285
- SUST 201
- UHON 111, 210
- WMST 101

**Arts & Humanities - 2 courses required**

- ARAB 101, 102
- ARCH 241
- ART 111, 112
- ARTH 100, 121, 211, 212, 231
- CHIN 101, 102
- ENGL 115, 125, 210, 211
- ENGL 212, 214, 222, 230, 240, 241, 242, 248
- ENGL 249, 250, 256, 258, 268
- FREN 101, 102, 201, 202
- GER 101, 102
- HIST 111, 121, 122
- HUMAN 200
- LAKL 101, 102, 201, 202
- LATI 101, 102
- MCOM 151, 160
- MFL 101, 102
- MUS 100, 117, 130, 131, 200, 201, 203, 240
- PHIL 100, 200, 215, 220, 233, 270
- PHIL 207
- REL 123, 223, 225, 238, 250
- RUSS 101, 102
- SPAN 101, 102, 201, 202
- THEA 100, 131, 200, 201, 231, 270

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**Biochemistry Emphasis**

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**TOTALS:** 50-63