**Even Catalog Years (2010-11, 2012-13, etc.)**

**Recommended Schedule for Bachelor of Science in Chemistry (60 hours)**

<table>
<thead>
<tr>
<th>Fall Year 1</th>
<th>Spring Year 1</th>
<th>Summer Year 1</th>
<th>Fall Year 2</th>
<th>Spring Year 2</th>
<th>Summer Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 184 (4)</td>
<td>Math 186 (4)</td>
<td>Gen Ed Reqs (8 cr hr)</td>
<td>Chem 231 (4)</td>
<td>Chem 331 (4)</td>
<td>Gen Ed Reqs and/or electives* (7 cr hr)</td>
</tr>
<tr>
<td>Chem 115 (4)</td>
<td>Chem 116 (4)</td>
<td>16 total cr hrs</td>
<td>Phys 111 (4)</td>
<td>Phys 112 (4)</td>
<td>Gen Ed Reqs and/or electives* (7 cr hr)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Phys 211 (1)</td>
<td>Phys 212 (1)</td>
<td>16 total cr hrs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fall Year 2</th>
<th>Spring Year 2</th>
<th>Summer Year 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chem 345 (4)</td>
<td>Chem 313 (3)</td>
<td>Chem 353/355 (4)</td>
</tr>
<tr>
<td>Chem 325 (4)</td>
<td></td>
<td>16 total cr hrs</td>
</tr>
</tbody>
</table>

*(Chem 345 can be taken here or during the 4th year.)*

Gen Ed Reqs and/or electives* (8 cr hr)

**Course Offerings**

Upper-division chemistry courses are not offered every semester. Chem 345 is offered every Fall. Chem 353/355 and 325 are offered alternating falls. Chem 354/356 and 313 are offered alternating springs.

**Electives**

6-7 hrs of electives from: Math 284, Math 384, Bio 208 (recommended elective for premedical program), Math 122, CS 131, and Chem 399.

**Premedical Program**

(With a B.S. in Chemistry)

Bio 111 (4), Bio 112 (4), Bio 208 (3) (as elective), Bio 271 (3), Bio 343 (4), Bio 344 (4), Bio 351 (4)

Total 23-26 cr hrs

(A Biology minor is included in the premedical curriculum)

**Possible Minors**

**Math:** Math 252 (3), and 322 (3). Math 284 and 384 to be taken as the B.S. in Chemistry electives. 6 cr hr

**Physics:** Phys 381 (3), 382 (1), and six hours of 200- or 300-level Physics courses. 10 cr hr

**Possible Minors**

- Math: Math 252 (3), and 322 (3). Math 284 and 384 to be taken as the B.S. in Chemistry electives. 6 cr hr
- Physics: Phys 381 (3), 382 (1), and six hours of 200- or 300-level Physics courses. 10 cr hr

Completing the above requirements will meet the requirements for a B.S. in Chemistry under the 2010 and later catalogs.

All degrees require at least 128 semester hours of credit with a minimum cumulative grade average of “C” (2.00) or the minimum grade average specified by individual program requirements (if higher). A minimum of 30 semester hours (12 of which must be on the 300 & 400 level and 15 of which must be in the student’s major) must be taken in residence.

A second bachelor’s degree (B.A., for example) requires an additional 30 semester hours above the 128 hours.
### Odd Catalog Years (2011-12, 2013-14, etc.)

#### Recommended Schedule for Bachelor of Science in Chemistry (60 hours)

<table>
<thead>
<tr>
<th>Fall Year 1</th>
<th>Spring Year 1</th>
<th>Summer Year 1</th>
<th>Fall Year 2</th>
<th>Summer Year 2</th>
<th>Summer Year 4</th>
</tr>
</thead>
</table>
| **Math 184 (4)**  
**Chem 115 (4)** | **Math 186 (4)**  
**Chem 116 (4)** | **Gen Ed Reqs (8 crhr)** | **Chem 231 (4)**  
**Phys 111 (4)**  
**Phys 211 (1)** | **Gen Ed Reqs and/or electives* (7 crhr)** | **Chem 331 (4)**  
**Phys 112 (4)**  
**Phys 212 (1)** |
| **Gen Ed Reqs (8 crhr)**  
16 total crhrs | **Gen Ed Reqs (8 crhr)**  
16 total crhrs |  |  |  |  |
| **Fall Year 3** | **Spring Year 3** | **Summer Year 3** | **Fall Year 4** | **Spring Year 4** | **Fall Year 4** |
| **Chem 345 (4)**  
**Chem 353/355 (4)** | **Chem 354/356 (4)** | **Gen Ed Reqs and/or electives* (12 crhr)** | **Chem 325 (4)**  
**Gen Ed Reqs and/or electives* (12 crhr)** | **Gen Ed Reqs and/or electives* (13 crhr)** | **Chem 313 (3)**  
**Gen Ed Reqs and/or electives* (13 crhr)** |
| **Gen Ed Reqs and/or electives* (8 crhr)**  
16 total crhrs |  |  |  |  |  |

*Electives*

6-7 hrs of electives from: Math 284, Math 384, Bio 208 (recommended elective for premedical program), Math 122, CS 131, and Chem 399.

### Course Offerings

Upper-division chemistry courses are not offered every semester. Chem 345 is offered every fall. Chem 353/355 and 325 are offered alternating falls. Chem 354/356 and 313 are offered alternating springs.

### Premedical Program

(With a B.S. in Chemistry)

Bio 111 (4), Bio 112 (4)  
Bio 208 (3) (as elective), Bio 271 (3), Bio 343 (4), Bio 344 (4), Bio 351 (4)  
Total 23-26 crhrs  
(A Biology minor is included in the premedical curriculum)

### Possible Minors

**Math:** Math 252 (3), and 322 (3). Math 284 and 384 to be taken as the B.S. in Chemistry electives. 6 crhrs  
**Physics:** Phys 381 (3), 382 (1), and six hours of 200- or 300-level Physics courses. 10 crhrs

Please see the catalog for required general education courses and competencies. This major will fulfill the mathematics and natural sciences general education requirements.

Completing the above requirements will meet the requirements for a B.S. in Chemistry under the 2010 and later catalogs.

All degrees require at least 128 semester hours of credit with a minimum cumulative grade average of “C” (2.00) or the minimum grade average specified by individual program requirements (if higher). A minimum of 30 semester hours (12 of which must be on the 300 & 400 level and 15 of which must be in the student’s major) must be taken in residence.

A second bachelor’s degree (B.A., for example) requires an additional 30 semester hours above the 128 hours.