## 2015-16 Curriculum
### Bachelor of Science Program
### Chemical & Biochemical Engineering
### Class of 2017 and later

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
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</thead>
<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
<td><strong>Sophomore Year</strong></td>
</tr>
<tr>
<td>01:160:159 Gen. Chemistry for Eng. 3.0</td>
<td>14:155:201 Analysis I M3.0</td>
</tr>
<tr>
<td>01:160:159 Expository Writing 3.0</td>
<td>01:160:307 Organic Chemistry I* 4.0</td>
</tr>
<tr>
<td>14:440:100 Eng. Orientation Lectures 1.0</td>
<td>01:640:251 Multivariable Calculus 4.0</td>
</tr>
<tr>
<td>01:640:151 Calculus I 4.0</td>
<td>01:155:208 Thermodynamics I M3.0</td>
</tr>
<tr>
<td>01:750:123 Analytical Physics I 2.0</td>
<td>14:155:210 Biological Foundations of ChE M3.0 (≥'18)</td>
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<thead>
<tr>
<th><strong>Junior Year</strong></th>
<th><strong>Senior Year</strong></th>
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<tbody>
<tr>
<td>14:155:307 Analysis II M3.0</td>
<td>14:155:428 Design &amp; Econ. II M4.0</td>
</tr>
<tr>
<td>01:160:311 Organic Chemistry Lab^ 2.0</td>
<td>14:155:415 Process Engineering I M4.0</td>
</tr>
<tr>
<td>01:640:421 Advanced Calc. for Eng. 3.0</td>
<td>14:155:422 Process Simul. &amp; Control M3.0 (≥'17)</td>
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<tr>
<td>01:160:315, 316 are accepted in place of 01:160:307, 308.</td>
<td>01:160:309 (2.5 cr) is accepted in place of 01:160:311 (2.0 cr), and may be taken with 01:160:308.</td>
</tr>
<tr>
<td>17.0 : : : Hum./Soc. Science Elective 3.0</td>
<td>14:155:428 Design &amp; Econ. II M4.0</td>
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<table>
<thead>
<tr>
<th><strong>Senior Year</strong></th>
<th><strong>General Elective</strong></th>
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<tbody>
<tr>
<td>: : : General Elective 3.0</td>
<td>16.0</td>
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</tbody>
</table>

**TOTAL:** 130.0 (131.0 '17)

*No longer required for Class of 2018 and Later.*

^155:407 can be taken any semester after 440:221 completed.

Revised 3/8/11, 7/13/12, 3/29/13, 4/16/15, 9/29/15