1. General Education:
   Social World Courses

   The Social World requirement consists of four courses with the
   following designations:

   AL/AT
   SB
   HS
   AL, AT, SB, I or SI
   Integrative Experience
   (ChE 401)

   Of these four Social World Courses, one must have a
   Global Diversity designation (G)
   and another must have an
   United States Diversity designation (U).

2. Advanced Chemistry Elective

   POLYMER 501
   or
   Any 3 or 4 credit Chem or BioChem course
   at the 200-level or above.

   Exceptions:

3. Approved Engineering Tech Electives

   SCH-MGMT 593, SCH-MGMT 597,
   and
   Any 3 or 4 credit course at the 200-level or above
   In ChE, ECE, MIE, CEE, or POLYMER

   Exceptions: CEE 357, MIE 230, MIE 340, and MIE 354

   Students completing the Engineering Management Minor should note
   that the EMM foundation courses* (see box to the right) are all
   prerequisites of the Capstone Course, SCH-MGMT 597 (Fall only). Please
   speak with an SOM advisor when making course plans.

   Approved Non-Engineering Tech Electives

   ACCTG 221, FIN 301, MGT 301, MKTG 301, *
   STATISTC 501, and
   Any 3 or 4 credit course at the 200-level or above
   In Math, Physics, Bio, CompSci, Chem, Biochem, or MCB

   Exceptions: Chem 250, Chem 391A, Chem 471,
   Biochem 471, and Math 370

4. Students are allowed to count ONE Independent Study towards their required
   Technical Electives. However, if you are in the departmental honors program, you
   will need to take both ChE 499Y and ChE 499T during your senior year and these will
   both count towards your Engineering technical electives.

Last Revision: 11/9/15, TLP
## CHEMICAL ENGINEERING
Curriculum for Students Who Entered **AFTER** June 2014

<table>
<thead>
<tr>
<th>First-Year</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
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<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
</tr>
<tr>
<td>ENGLWP 112</td>
<td>(3 credits)</td>
<td>PHYSIC 152</td>
<td>(4)</td>
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<tr>
<td>ENGIN 110</td>
<td>(3)</td>
<td>ChE 291A Professional Seminar</td>
<td>(3)</td>
</tr>
<tr>
<td>MATH 131</td>
<td>(4)</td>
<td>ChE 220 OR BIO 151</td>
<td>(1)</td>
</tr>
<tr>
<td>CHEM 111</td>
<td>(4)</td>
<td>MATH 233</td>
<td>(4)</td>
</tr>
<tr>
<td>Social World Elective¹</td>
<td>(3)</td>
<td>CHEM 261</td>
<td>(3)</td>
</tr>
<tr>
<td>CHEM 112</td>
<td>(4)</td>
<td>CHEM 269</td>
<td>(2)</td>
</tr>
<tr>
<td><strong>18 Credits</strong></td>
<td><strong>15 Credits</strong></td>
<td><strong>14 Credits</strong></td>
<td><strong>16 Credits</strong></td>
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</tbody>
</table>

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<thead>
<tr>
<th><strong>Fall</strong></th>
<th><strong>Spring</strong></th>
<th><strong>Fall</strong></th>
<th><strong>Spring</strong></th>
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<tbody>
<tr>
<td>ENGIN 351</td>
<td>(3)</td>
<td>ChE 333</td>
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<td>ChE 320</td>
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<td>ChE 325</td>
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<td>(3)</td>
<td>ChE 338 Separations</td>
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<td>ChE 330</td>
<td>(3)</td>
<td>Adv CHEM Elective²</td>
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<td>ChE 391A Professional Seminar</td>
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<td>ChE 475 (PChem)</td>
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<td>Social World Elective¹</td>
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</tr>
</tbody>
</table>

*Completion of a General Education Integrative Experience (IE) course is a senior year requirement for all students who entered the University after June 2010. ChE 401 will fulfill the IE requirement.*

*Superscripts refer to information on reverse*