CHEMISTRY MAJOR CHECKLIST – updated for fall 2015

Check each course as completed. Insert course numbers as indicated. Record grade, hours, and semester in the provided spaces. Use the “Comments” column to record alternative courses, advanced placement, transfer credit, waived or exempted requirements, and any other pertinent information.

### Required Major Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1251, or 1113/1114</td>
<td></td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1271 or 1133/1134</td>
<td></td>
<td>5</td>
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</tr>
<tr>
<td>CHEM 3351 or CHEM 3311</td>
<td></td>
<td>4</td>
<td></td>
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</tr>
<tr>
<td>CHEM 3361</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
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<tr>
<td>CHEM 3371 or CHEM 3331</td>
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<td>4</td>
<td></td>
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</tr>
<tr>
<td>CHEM 3381</td>
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<tr>
<td>CHEM 4511 or 4411</td>
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<td>CHEM 4581</td>
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<td>CHEM 4531 or 4431</td>
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<td>CHEM 4591</td>
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<tr>
<td>CHEM 4011</td>
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<td></td>
<td></td>
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<tr>
<td>CHEM 4171</td>
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</tr>
<tr>
<td>CHEM 4181</td>
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</table>

### Required Ancillary Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1300 (or APPM 1350)</td>
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<tr>
<td>MATH 2300 (or APPM 1360)</td>
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<tr>
<td>MATH 2400 (or APPM 2350)</td>
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<tr>
<td>PHYS 1110</td>
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<tr>
<td>PHYS 1120</td>
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<tr>
<td>PHYS 1140</td>
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</tbody>
</table>

Note that the following CORE curriculum requirements will be satisfied by a major course: QRMS and Natural Science.

An ACS certified degree adds the following requirements: (CHEM/BIOCHEM double majors are ACS certified and do not need to add any additional coursework to their curriculum.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Hours</th>
<th>Semester</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 4021 or CHEM 4761</td>
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<tr>
<td>CHEM 4611, CHEM 4711, or CHEM 4700</td>
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<td>3/4</td>
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<tr>
<td>4000 or above science or math elective</td>
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Notes: