University of Minnesota, Duluth campus

Chemistry B.A.

Checkpoint charts display information about when you need to complete a specific requirement (either a single course or a choice among courses) in order to stay on track for four-year graduation. The charts represent the proper sequencing of course-taking to help you graduate in a timely way. They also show you which semesters a course is actually offered so that you can plan accordingly.

Please note: In some majors, not all major requirements are represented in the checkpoint chart. Consult your APAS report and your adviser to be sure that you complete all degree requirements.

### Checkpoint Chart

<table>
<thead>
<tr>
<th>Checkpoint requirements</th>
<th>Requirement definitions</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Fall</td>
<td>Spring</td>
<td>Summer</td>
<td>Fall</td>
</tr>
<tr>
<td>• General requirement checkpoints (complete all)</td>
<td>Freshman Composition</td>
<td>Complete the freshman composition requirement.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Second Year (20-22 cr) CHEM 2541
Second Year (20-22 cr) CHEM 2543
Second Year (20-22 cr) CHEM 2542
Second Year (20-22 cr) CHEM 2544
Second Year (20-22 cr) ((CHEM 2222 and CHEM 2223) or (CHEM 2242))
Second Year (20-22 cr) ((PHYS 1001 and PHYS 1002) or (PHYS 2011 and PHYS 2012))
Third Year (8 cr) CHEM 3322
Third Year (8 cr) CHEM 3324
Third Year (8 cr) CHEM 4633
Third Year (8 cr) CHEM 4634
Fourth Year (2 cr) CHEM 3432