University of Minnesota, Duluth campus

Program Sample Plan

Program name: Chemistry B.A.
Sample Plan: Chemistry B.A.
Total Credits: 120.0

The sample plan below shows you one of several possible ways to complete this degree. Your academic plan may look different if you have already fulfilled some requirements, if you have multiple course options to choose from in your major, or if courses don't fit your schedule in a given term. Use Graduation Planner to make your customized plan, and work with your academic adviser to ensure that you are on track to graduate on time.

<table>
<thead>
<tr>
<th>Year 1 - Fall Semester: 13.0 cr</th>
<th>Year 1 - Spring Semester: 15.0 cr</th>
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<tbody>
<tr>
<td>MATH 1296 - Calculus I : 5.0 cr : LE CAT2</td>
<td>MATH 1297 - Calculus II : 5.0 cr</td>
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<tr>
<td>CHEM 1151 - General Chemistry I : 5.0 cr : LE CAT4</td>
<td>CHEM 1152 - General Chemistry II : 5.0 cr</td>
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<tr>
<td>Freshman Composition : 3.0 cr</td>
<td>Liberal Education Course or Elective : 5.0 cr</td>
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<thead>
<tr>
<th>Year 1 - Summer Semester: 0 cr</th>
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<tbody>
<tr>
<td>Year 2 - Fall Semester: 16.0 cr</td>
</tr>
<tr>
<td>CHEM 2541 - Organic Chemistry I : 3.0 cr</td>
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<tr>
<td>CHEM 2543 - Organic Chemistry I Laboratory : 1.0 cr</td>
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<tr>
<td>PHYS 2011 - General Physics I : 4.0 cr : LE CAT4 : Preferred Course</td>
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<tr>
<td>LE (LE Requirement) : 4.0 cr</td>
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<td>Elective : 4.0 cr</td>
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<tr>
<th>Year 2 - Spring Semester: 15.0 cr</th>
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<tbody>
<tr>
<td>CHEM 2542 - Organic Chemistry II : 3.0 cr</td>
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<td>CHEM 2544 - Organic Chemistry II Laboratory : 1.0 cr</td>
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<td>CHEM 2222 - Quantitative Analysis : 3.0 cr</td>
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<tr>
<td>CHEM 2223 - Quantitative Analysis Laboratory : 1.0 cr</td>
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<tr>
<td>PHYS 2012 - General Physics II : 4.0 cr : Preferred Course</td>
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<td>Liberal Education Course or Elective : 3.0 cr</td>
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<td>Year 3 - Fall Semester: 16.0 cr</td>
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<tr>
<td>CHEM 4633 - Physical Chemistry Laboratory : 1.0 cr</td>
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<td>CHEM 4634 - Physical Chemistry : 3.0 cr</td>
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<td>Liberal Education Course or Elective : 9.0 cr</td>
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<th>Year 3 - Spring Semester: 16.0 cr</th>
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<tbody>
<tr>
<td>CHEM 3322 - Biochemistry : 3.0 cr</td>
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<tr>
<td>CHEM 3324 - Biochemistry Laboratory : 1.0 cr</td>
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<td>Liberal Education Course or Elective : 12.0 cr</td>
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<th>Year 3 - Summer Semester: 0 cr</th>
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<tr>
<td>Year 4 - Fall Semester: 15.0 cr</td>
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<tr>
<td>Electives : 15.0 cr</td>
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<th>Year 4 - Spring Semester: 14.0 cr</th>
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<tbody>
<tr>
<td>CHEM 3432 - Descriptive Inorganic Chemistry : 2.0 cr</td>
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<td>Electives : 12.0 cr</td>
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<th>Year 4 - Summer Semester: 0 cr</th>
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