## Bachelor of Science in Chemistry

**Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed. Consult with Advisor.**

<table>
<thead>
<tr>
<th>YEAR 1 - FRESHMAN (34 CREDITS)</th>
<th></th>
<th>YEAR 2 - SOPHOMORE (30 CREDITS)</th>
<th></th>
<th>YEAR 3 - JUNIOR (32 CREDITS)</th>
<th></th>
<th>YEAR 4 - SENIOR (28-31 CREDITS)</th>
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<tbody>
<tr>
<td>FALL SEMESTER (17 credits)</td>
<td></td>
<td>SPRING SEMESTER (17 credits)</td>
<td></td>
<td>FALL SEMESTER (15 credits)</td>
<td></td>
<td>SPRING SEMESTER (15 credits)</td>
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<tr>
<td>CHEM 121N/122N</td>
<td>4</td>
<td>CHEM 123N/124N or CHEM 137N/138N</td>
<td>4</td>
<td>CHEM 211/CHEM 212</td>
<td>5</td>
<td>CHEM 213/214</td>
<td>5</td>
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<tr>
<td>MATH 162M</td>
<td>3</td>
<td>MATH 163</td>
<td>3</td>
<td>Philosophy and Ethics</td>
<td>3</td>
<td>Human Creativity</td>
<td>3</td>
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<tr>
<td>PHYS 231N</td>
<td>4</td>
<td>PHYS 232N</td>
<td>4</td>
<td>MATH 211</td>
<td>4</td>
<td>MATH 212</td>
<td>4</td>
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<tr>
<td>ENGL 110C</td>
<td>3</td>
<td>ENGL 211C, 221C, or 231C</td>
<td>3</td>
<td>COMM 101R</td>
<td>3</td>
<td>Information Literacy and Research</td>
<td>3</td>
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<tr>
<td>Language and Culture I (May be waived. See catalog for details)</td>
<td>3</td>
<td>Language and Culture II (May be waived. See catalog for details)</td>
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<tbody>
<tr>
<td>CHEM 332W</td>
<td>2</td>
<td>CHEM 333</td>
<td>3</td>
<td>CHEM 332/322</td>
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<td>Human Behavior</td>
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<td>CHEM 321/322</td>
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<td>CHEM 441</td>
<td>3</td>
<td>CHEM 351</td>
<td>3</td>
<td>Chemistry elective*</td>
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<td>MATH 312</td>
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<td>Chemistry elective*</td>
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<td>CHEM 331</td>
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<td></td>
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<td>300-/400-level Option D course</td>
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<td></td>
<td></td>
<td>300-/400-level Option D course</td>
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</tr>
</tbody>
</table>

*Consult catalog and with advisor for options.

Language and Culture may be waived, see ODU catalog for exemptions.

**Note:** Upper division general education may require more than two courses and a minor in Chemistry may not be used to fulfill the upper-division general education requirement.

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a grade of C or better in all courses required for the major, including prerequisite courses, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.