Chemistry Minor

Requirements

The chemistry minor consists of 13 credits of which nine credits must be selected from the following:

Select nine credits from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 213</td>
<td>Organic Chemistry II Lecture</td>
</tr>
<tr>
<td>CHEM 321</td>
<td>Analytical Chemistry Lecture</td>
</tr>
<tr>
<td>CHEM 331</td>
<td>Physical Chemistry Lecture I</td>
</tr>
<tr>
<td>CHEM 333</td>
<td>Physical Chemistry Lecture II</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Inorganic Chemistry</td>
</tr>
<tr>
<td>CHEM 411</td>
<td>Natural Products Chemistry in the Carribean</td>
</tr>
<tr>
<td>CHEM 415</td>
<td>Intermediate Organic Chemistry</td>
</tr>
<tr>
<td>CHEM 439</td>
<td>Introduction to Pharmaceutical Chemistry</td>
</tr>
<tr>
<td>CHEM 441</td>
<td>Biochemistry Lecture</td>
</tr>
<tr>
<td>CHEM 443</td>
<td>Intermediate Biochemistry</td>
</tr>
<tr>
<td>CHEM 449</td>
<td>Environmental Chemistry</td>
</tr>
<tr>
<td>CHEM 451</td>
<td>Advanced Inorganic Chemistry</td>
</tr>
<tr>
<td>CHEM 453</td>
<td>Essentials of Toxicology</td>
</tr>
</tbody>
</table>

Select four credits from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 214</td>
<td>Organic Chemistry II Laboratory</td>
</tr>
<tr>
<td>CHEM 322</td>
<td>Analytical Chemistry Laboratory</td>
</tr>
<tr>
<td>CHEM 332W</td>
<td>Experimental Physical Chemistry I</td>
</tr>
<tr>
<td>CHEM 334W</td>
<td>Experimental Physical Chemistry II</td>
</tr>
<tr>
<td>CHEM 352</td>
<td>Inorganic Chemistry Laboratory</td>
</tr>
<tr>
<td>CHEM 442W</td>
<td>Biochemistry Laboratory</td>
</tr>
<tr>
<td>CHEM 452</td>
<td>Advanced Inorganic Chemistry Laboratory</td>
</tr>
<tr>
<td>CHEM 497</td>
<td>Independent Study</td>
</tr>
<tr>
<td>CHEM 498</td>
<td>Independent Study</td>
</tr>
</tbody>
</table>

Total Credit Hours 13

The courses designated for the minor and taken by students must be completed with an overall cumulative grade point average of 2.00 or better. CHEM 121N/CHEM 122N and CHEM 123N/CHEM 124N must be completed as prerequisites for the minor in chemistry and are not included in the calculation of the grade point average for the minor. Additional prerequisite courses may also be required and are not included in the grade point average for the minor. Students electing the minor must complete a minimum of six credit hours in the minor requirement through courses offered by Old Dominion University. Any substitutions must be approved in writing by the chief departmental advisor.