CHEMISTRY, B.S.

Requirements

Requires 43-45 hours in chemistry and must include the following courses:

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHM 111</td>
<td>College Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHM 111L</td>
<td>College Chemistry I Lab</td>
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<tr>
<td>CHM 122</td>
<td>Organic Chemistry I</td>
<td>3</td>
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<tr>
<td>or CHM 123</td>
<td>Organic Chemistry I Honors</td>
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<tr>
<td>CHM 122L</td>
<td>Organic Chemistry I Lab</td>
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<td>CHM 223</td>
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<td>CHM 280</td>
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<td>CHM 280L</td>
<td>Theory and Methods of Quantitative Analysis Lab</td>
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<td>CHM 334</td>
<td>Chemical Analysis</td>
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<tr>
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<td>CHM 341</td>
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<td>Biochemistry I: Macromolecules and Metabolism</td>
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<td>or CHM 371L</td>
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<tr>
<td>CHM 381</td>
<td>Chemistry Seminar and Literature</td>
<td>0.5</td>
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<tr>
<td>CHM 382</td>
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<td>1.5-6</td>
</tr>
<tr>
<td>Option 1:</td>
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<tr>
<td>CHM 390</td>
<td>Chemical Research Experience</td>
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<td>Option 2:</td>
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<td>Select no fewer than 1.5 hours of the following:</td>
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<tr>
<td>CHM 392</td>
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<tr>
<td>CHM 351</td>
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<td>Materials Chemistry</td>
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Co-Requirements

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For the B.S. major, the following schedule of chemistry and related courses is typical:

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<tr>
<td>MST 112</td>
<td>Calculus with Analytic Geometry I</td>
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<tr>
<td>MST 205</td>
<td>Applied Multivariable Mathematics</td>
<td>4</td>
</tr>
<tr>
<td>or MST 113</td>
<td>Multivariable Calculus &amp; Linear Algebra I</td>
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First Year

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Upper-level CHM elective

Senior

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Honors
Qualified majors are considered for honors in chemistry. To be graduated with the designation "Honors in Chemistry," a student must have a minimum GPA in chemistry courses of 3.3 and a minimum overall GPA of 3.0. In addition, the honors candidate must satisfactorily complete an approved research project, prepare a paper describing the project, and present results at a seminar for departmental approval. Honors thesis research must be conducted on the Wake Forest University campus with a WFU Chemistry faculty member as research adviser or co-adviser. For additional information, members of the departmental faculty should be consulted.