**Thomas Harriot College of Arts and Sciences**  
**B.A. in Chemistry**  

This 4-year plan is designed for students who should take MATH 1065 before CHEM 1150.

The BA degree in chemistry provides excellent grounding in chemistry principles, including specially focused 3000-level coursework. Students who earn a BA in chemistry have a broad education in chemistry, and are equipped with skills that enhance their marketability to a wide variety of scientific companies, and are well-prepared to enter fields such as medicine, dentistry, pharmacy, and forensics. This flexible 4-year plan leaves room for exploring other interests and is a popular major to pair with other science majors (foreign language is waived for students earning a BS in another field and a second major in Chemistry).

### FRESHMAN YEAR

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
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<tbody>
<tr>
<td>MATH 1065</td>
<td>CHEM 1150, 1151</td>
</tr>
<tr>
<td>ENGL 1100</td>
<td>MATH 2121*</td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td>HLTH 1000</td>
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<tr>
<td>Social Science</td>
<td>Fine Arts</td>
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<tr>
<td>Elective**</td>
<td>Elective</td>
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<td>15</td>
<td>15</td>
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### SOPHOMORE YEAR

| CHEM 1160, 1161                     | CHEM 2750, 2753                        |
| MATH 2122*                          | PHYS 1250, 1251                        |
| ENGL 2201                           | KINE 1000                              |
| Foreign Language 1001               | Foreign Language 1002                  |
| Elective**                          | Elective**                             |
|                                     |                                        |
| 16                                  | 15                                     |

### JUNIOR YEAR

| CHEM 2760, 2763                     | CHEM 2250, 2251                        |
| PHYS 1260, 1261                     | Social Science                         |
| Foreign Language 1003               | Foreign Language 1004                  |
| Elective**                          | Humanities                             |
|                                     |                                        |
| 17                                  | 14                                     |

### SENIOR YEAR

| CHEM 3850, 3851                     | CHEM 3450, 3451                        |
| Social Science                      | Elective**                             |
| Elective**                          | Social Science, Humanities,            |
|                                     | Fine Arts, Science, or Math            |
|                                     |                                        |
| 14                                  | 14                                     |

*Students may choose to replace MATH 2121 and 2122 (6 s.h. sequence) with the following sequence: MATH 1083, MATH 2171 and MATH 2172 (11 s.h. sequence). Adjust elective hours accordingly.

**An elective can be any course in any department. Consider taking prerequisites for graduate or professional schools when this degree plan lists "elective."

**Total hours completed**  
120

Contact: CHEMISTRY@ECU.EDU  
Confirmed: ASD  
Updated: 5/25/2018