### Bachelor of Science in Chemistry - (DNIMAS) Track

#### Summary of Graduation Requirements

<table>
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<tr>
<th>Subject Area</th>
<th>Credits</th>
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<tbody>
<tr>
<td>General Education Core</td>
<td>37</td>
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<tr>
<td>Major Requirements</td>
<td>53</td>
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<tr>
<td>Electives</td>
<td>6</td>
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<td>Other Requirements</td>
<td>26</td>
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<td><strong>Total Credit Hours</strong></td>
<td><strong>122</strong></td>
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</table>

#### Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
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<tbody>
<tr>
<td></td>
<td>Credits</td>
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**Credits:**

1. **First Year**
   - APS 110: Applied Science Seminar 0
   - APS 111: Applied Science Seminar 0
   - CHM 231H: General Chemistry I Honors 5
   - CHM 231R and General Chemistry Applications I 5
   - CHM 221L and General Chemistry I Laboratory 5
   - CHM 232H: General Chemistry II Honors 5
   - CHM 232R: General Chemistry Applications II 5
   - CHM 222L: General Chemistry II Laboratory 5
   - CSC 170: Computer Programming I 3
   - CSC 170L: Computer Programming I Laboratory 1
   - ENG 101H: Honors College English I 3
   - ENG 102H: Honors College English II 3
   - HED 100: Personal and Community Health 2
   - MTH 184H: Honors Calculus I 4
   - MTH 251H: Honors Calculus II 4
   - PED 100: Fundamentals of Fitness for Life 1
   - SEM 101: Spartan Seminar 101 2
   - & SEM 102: Spartan Seminar 102 2

2. **Second Year**
   - APS 210: Applied Science Seminar 0
   - APS 211: Applied Science Seminar 0
   - CHM 321: Organic Chemistry I 3
   - CHM 321L: Organic Chemistry I Laboratory 2
   - CHM 322: Organic Chemistry II 3
   - CHM 323L: Synthesis/Analysis in Organic Chem Lab 2
   - CHM 331: Analytical Chemistry I 3
   - CHM 331L: Analytical Chemistry I Laboratory 2
   - MTH 252: Calculus III 4
   - PHY 160: University Physics I 4
   - PHY 160L: University Physics Laboratory I 1
   - PHY 161: University Physics II 4
   - PHY 161L: University Physics Laboratory II 1

3. **Third Year**
   - SEM 101: Spartan Seminar 101 1
   - ENG 285H: Honors Public Speaking 3
   - SEM 201: Spartan Seminar 201 1

4. **Fourth Year**
   - APS 410: Applied Science Seminar 0
   - APS 411: Applied Science Seminar 0
   - XXX XXX: Humanities Elective 6
   - Restrictive Chemistry Electives: Select six hours of the following: 6
   - XXX XXX: Cultural Elective from the Core 3
   - HIS XXX: History from the Core 3
   - ENG 203 or ENG 303: Advanced Communication Skills or Professional & Technical Writing 3

**Total Credits:**

122

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**Links:**

- General Education Core: [catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/](catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/)