## 2021 Academic Planning Form: CHEMISTRY B.A./SECONDARY EDUCATION

**As of 4/15/17**

### Example Sequence for CHEMISTRY B.A./SECONDARY ED

(most electives can be chosen at student's discretion.)

<table>
<thead>
<tr>
<th>1st Year</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Total Year Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td># of Credits</td>
<td># of Credits</td>
<td></td>
</tr>
<tr>
<td>1st Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DWC 101</td>
<td>4</td>
<td>DWC 102</td>
<td>4</td>
</tr>
<tr>
<td>DWC 102</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTH 131</td>
<td>4</td>
<td>MTH 132</td>
<td>4</td>
</tr>
<tr>
<td>CHM 121</td>
<td>4</td>
<td>CHM 122</td>
<td>4</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>3</td>
<td>Philosophy core</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>15</td>
<td>30</td>
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</tbody>
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<table>
<thead>
<tr>
<th>2nd Year</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Total Year Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td># of Credits</td>
<td># of Credits</td>
<td></td>
</tr>
<tr>
<td>2nd Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DWC 201</td>
<td>4</td>
<td>DWC 202</td>
<td>4</td>
</tr>
<tr>
<td>CHM 221</td>
<td>4</td>
<td>CHM 222</td>
<td>4</td>
</tr>
<tr>
<td>EPS 101</td>
<td>4</td>
<td>EPS 102 General Physics I w/ Lab</td>
<td>4</td>
</tr>
<tr>
<td>EDU 201</td>
<td>3</td>
<td>EDU 206/206L Principles of Sec. Ed. w/Lab</td>
<td>4</td>
</tr>
<tr>
<td></td>
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<td>15</td>
<td>31</td>
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<table>
<thead>
<tr>
<th>3rd Year</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Total Year Credits</th>
</tr>
</thead>
<tbody>
<tr>
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<td># of Credits</td>
<td># of Credits</td>
<td></td>
</tr>
<tr>
<td>3rd Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHM 331</td>
<td>4</td>
<td>CHM 321</td>
<td>3</td>
</tr>
<tr>
<td>CHM 381</td>
<td>1</td>
<td>CHM 382</td>
<td>2</td>
</tr>
<tr>
<td>EDU 401</td>
<td>4</td>
<td>EDU 303/303L Child w/ Sp. Needs in Reg. Class.</td>
<td>4</td>
</tr>
<tr>
<td>Theory I</td>
<td>3</td>
<td>Theology II core</td>
<td>3</td>
</tr>
<tr>
<td>Core Focus elect. - part 1</td>
<td>3</td>
<td>Core Focus elect. - part 2</td>
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</tr>
<tr>
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<td>16</td>
<td>30</td>
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</tbody>
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<table>
<thead>
<tr>
<th>4th Year</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Total Year Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td># of Credits</td>
<td># of Credits</td>
<td></td>
</tr>
<tr>
<td>4th Year</td>
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<td></td>
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<tr>
<td>CHM 401</td>
<td>4</td>
<td>EDU 450 Student Teaching</td>
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<tr>
<td>CHM 481</td>
<td>2</td>
<td>CHM 482</td>
<td>0</td>
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<tr>
<td>EDU 412</td>
<td>4</td>
<td>EDU 301 Foundations of Education</td>
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<tr>
<td>Philosophy Ethics</td>
<td>3</td>
<td>EDU 449 Classroom Management</td>
<td>1</td>
</tr>
<tr>
<td>Science Elective*</td>
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</tr>
<tr>
<td></td>
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<td>13</td>
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<table>
<thead>
<tr>
<th><em>Graduation Requirement includes a minimum of 120 credit hours</em></th>
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</thead>
<tbody>
<tr>
<td><strong>Total Program of Study Credits</strong>: 120</td>
</tr>
</tbody>
</table>

### Foundational Component:
- DWC - 4 semester sequence, 16-20 credits
- Theology (GRP I and II) - 6 Cr.
- Philosophy (I + Ethics) - 6 cr.
- Natural Science - *(CHM 121/121L)*
- Social Science - *(EDU 201)*
- Quantitative Reasoning - *(MTH 131 or MTH 132)*
- Fine Arts - 3 cr.

### Core Focus/Concentration:
- 2 courses/ 6 cr. from either the same core discipline, language or the same themed area # Students completing the Liberal Arts Honors Program automatically satisfy the core focus requirement.
- 5Students completing the Liberal Arts Honors Program automatically satisfy the core focus requirement.

### Major Requirements:
- CHM 121-122, 221-222, 311, 381, 382, 401, 481, 482
- MTH 131-132
- EPS 101-102
- *Science Elective (Chosen from BIO 103-104 or advanced courses in BIO, CHM, EPS, or MTH excluding Research)*
- EDU 201, 206-206L, 301, 303-303L, 401-401L, 412-412L, 449, 450

### Proficiencies:
- (some proficiencies can be attained by completion of designated Foundational courses.)
- Intensive Writing - I
- Intensive Writing - II *(in the major CHM 222L/CHM 321/CHM 331L/CHM 401L)*
- Oral Communication *(in the major CHM 381/382/481/482)*
- Diversity
- Civic Engagement *(in the major EDU 301)*

**For Study Abroad** - fall or spring of the junior year following consultation with department chair and provided one finds equivalent courses.

Note: Secondary Education majors have a two step process to declare, including a basic skills test mandated by the RI Department of Education and a cumulative GPA of at least 2.5.