### University of Hawai‘i at Mānoa – Four-Year Academic Plan 2017-2018

**College of Education**  
**Bachelor of Education (BEd) in Secondary Education**  
**Specialization: Physics**

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Fall</strong></td>
<td><strong>Fall</strong></td>
<td><strong>Fall</strong></td>
</tr>
<tr>
<td>CHEM 161 (DP)</td>
<td>MATH 243</td>
<td>ITE 401</td>
<td>ITE 402</td>
</tr>
<tr>
<td>CHEM 161L (DY)</td>
<td>PHYS 274</td>
<td>PHYS 310 or CEE 270</td>
<td>ITE 404H</td>
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<tr>
<td>BIOL 171 (DB)</td>
<td>PHYS 274L</td>
<td>Earth/Science Found.</td>
<td>ITE 440</td>
</tr>
<tr>
<td>BIOL 171L</td>
<td>History/Philosophy of</td>
<td>Earth/Science Lab</td>
<td>SPED 445</td>
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<tr>
<td>MATH 241 (FS)</td>
<td>Science (DH)</td>
<td>Elective 300+</td>
<td>Elective 300+</td>
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<tr>
<td>FW</td>
<td>FG (A/B/C)</td>
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<tr>
<td></td>
<td>DA/DL</td>
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</tr>
<tr>
<td>Credits</td>
<td>15 Credits</td>
<td>16 Credits</td>
<td>13 Credits</td>
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<tr>
<td><strong>Spring</strong></td>
<td><strong>Spring</strong></td>
<td><strong>Spring</strong></td>
<td><strong>Spring</strong></td>
</tr>
<tr>
<td>CHEM 162</td>
<td>Submit Application in July</td>
<td>LTEC 442 or ICS 101</td>
<td>ITE 405H</td>
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<tr>
<td>CHEM 162L</td>
<td>MATH 244</td>
<td>EDEP 311 (DS)</td>
<td>ITE 406H</td>
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<tr>
<td>BIOL 172</td>
<td>Earth/Science Found.</td>
<td>EDEF 310 (DS)</td>
<td>3</td>
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<tr>
<td>BIOL 172L</td>
<td>Physics Elective</td>
<td>Physics Elective</td>
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<tr>
<td>MATH 242</td>
<td>FG (A/B/C)</td>
<td>Elective 300+</td>
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<td>PHYS 170</td>
<td>Elective 300+</td>
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<tr>
<td>PHYS 170L</td>
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</tr>
<tr>
<td>Credits</td>
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<td>15 Credits</td>
<td>14 Credits</td>
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<tr>
<td><strong>Summer</strong></td>
<td><strong>Summer</strong></td>
<td><strong>Summer</strong></td>
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<tr>
<td>PHYS 272</td>
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<tr>
<td>PHYS 272L</td>
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<tr>
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<td>0 Credits</td>
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<td><strong>Total Credits</strong></td>
<td>36 Total Credits</td>
<td>67 Total Credits</td>
<td>94 Total Credits</td>
</tr>
</tbody>
</table>

**Notes:**

- Additional Admission Requirements: 40 hours of documented experience; interview; 55 credits.
- Students must take placement exams to be able to register for CHEM 161 and MATH 241.
- Students must incorporate all focus requirements into this plan. Focus designations (i.e., W, E, O, H) are CRN specific & semester specific.
- Make plans to achieve official minimal state passing scores on basic skills licensure test(s) as approved by the College of Education (COE) and aligned with the Hawaii Teacher Standards Board (HTSB) policy as soon as possible and before year 2. Note that HTSB and COE requirements may differ. Please see a COE OSAS advisor for the latest information.
- Minimum 45 upper division (300+ course) credits are required.