# University of Hawai‘i at Mānoa – Four-Year Academic Plans 2010-2011
## College of Tropical Agriculture and Human Resources
### Bachelor of Science (BS) in Animal Sciences

This is only 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>ANSC 200 (DB)</td>
<td>ANSC 244</td>
<td>ANSC 301</td>
<td>ANSC Production</td>
</tr>
<tr>
<td>MATH 140 (FS)</td>
<td>CHEM 272</td>
<td>ANSC 350</td>
<td>ANSC Elective</td>
</tr>
<tr>
<td>CHEM 161 (DP)</td>
<td>CHEM 272L</td>
<td>MBBE 402</td>
<td>FAMR 380/380L or</td>
</tr>
<tr>
<td>CHEM 161L (DY)</td>
<td>BIOL 171, MICR 130,</td>
<td>MBBE 402L</td>
<td>NREM 310</td>
</tr>
<tr>
<td>FG (A/B/C)</td>
<td>or ZOOL 101</td>
<td>Elective</td>
<td>Elective</td>
</tr>
<tr>
<td>Credits:</td>
<td>13</td>
<td>16</td>
<td>15</td>
</tr>
<tr>
<td><strong>Spring:</strong></td>
<td><strong>Spring:</strong></td>
<td><strong>Spring:</strong></td>
<td><strong>Spring:</strong></td>
</tr>
<tr>
<td>ANSC 201</td>
<td>ANSC 321</td>
<td>ANSC 445</td>
<td>ANSC 492</td>
</tr>
<tr>
<td>CHEM 162</td>
<td>ANSC Elective</td>
<td>ANSC Elective</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 162L</td>
<td>PHYS 151</td>
<td>ANSC Elective</td>
<td>3</td>
</tr>
<tr>
<td>FG (A/B/C)</td>
<td>PHYS 151L</td>
<td>NREM 220 or ECON</td>
<td>3</td>
</tr>
<tr>
<td>FW</td>
<td>DS</td>
<td>131 (DS)</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
<td>DA/DH/DL</td>
<td>3</td>
</tr>
<tr>
<td>Credits:</td>
<td>16</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td><strong>Summer:</strong></td>
<td><strong>Summer:</strong></td>
<td><strong>Summer:</strong></td>
<td><strong>Summer:</strong></td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credits:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Credits:</strong></td>
<td><strong>Total Credits:</strong></td>
<td><strong>Total Credits:</strong></td>
<td><strong>Total Credits:</strong></td>
</tr>
<tr>
<td>32</td>
<td>66</td>
<td>97</td>
<td>128</td>
</tr>
</tbody>
</table>

**Notes:**
- Students must take placement exams to be able to register for CHEM 161 and MATH 140.
- Students must take one of the following production courses: ANSC 431, 432, 433, or 450.
- Students must take four of the following: ANSC 446, 451, 454/454L, 462, or 472.
- Students must incorporate all focus requirements into this plan.