**Degree Roadmap for students who completed the Transfer AS-T degree in Biology**

**Catalog Year 2014-15**

**SJSU Degree: BS in Biological Science, Concentration Ecology & Evolution**

The TMC guarantees completion of 60 transferable units and the STEM lower division core GE satisfied (missing one course in GE Area C and one course in GE Area D) – The Biology TMC will meet the BIOL 1A, 1B; CHEM 1A, 1B; PHYS 2A, 2B; and MATH 30 requirements at SJSU. Below is the path to the BS Biological Science, Concentration Ecology and Evolution degree in 60 semester units with the Transfer AS-T Biology degree:

<table>
<thead>
<tr>
<th>Semester at SJSU</th>
<th>Recommended Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1st Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WST taken and passed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GE Area C - Remaining lower GE</td>
<td>GE Area C</td>
<td>3</td>
</tr>
<tr>
<td>Major: Biol 115 - Partially completes Area R</td>
<td>BIOL 115</td>
<td>4*</td>
</tr>
<tr>
<td>Major: Biol 156</td>
<td>BIOL 156</td>
<td>3*</td>
</tr>
<tr>
<td>Major: Biol 114</td>
<td>BIOL 114</td>
<td>3*</td>
</tr>
<tr>
<td>Major: Biol 6</td>
<td>BIOL 6</td>
<td>1</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
<td></td>
<td><strong>14</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>2nd Semester</strong></th>
<th>Recommended Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE Area D – Remaining lower GE</td>
<td>GE Area D</td>
<td>3</td>
</tr>
<tr>
<td>Major Prep: Chem 8</td>
<td>CHEM 8</td>
<td>3</td>
</tr>
<tr>
<td>Major Biol 100w, also satisfies SJSU Studies Area Z</td>
<td>BIOL 100W</td>
<td>3*</td>
</tr>
<tr>
<td>Major: Biol 113</td>
<td>BIOL 113</td>
<td>3*</td>
</tr>
<tr>
<td>Major: Ent 101</td>
<td>ENT 101</td>
<td>4*</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>3rd Semester</strong></th>
<th>Recommended Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJSU Studies Area V in US Government &amp; California (or a different Area V if F2+3 is met prior to transfer)</td>
<td>Pol 170V meets F2+3 + Area V (if F2+3 was met previously then take a different Area V course)</td>
<td>3*</td>
</tr>
<tr>
<td>Major: Biol 118</td>
<td>BIOL 118</td>
<td>3*</td>
</tr>
<tr>
<td>Major: Biol 160 – Partially fulfills Area R</td>
<td>BIOL 160</td>
<td>4*</td>
</tr>
<tr>
<td>Major Bot 165</td>
<td>BOT 165</td>
<td>4*</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>4th Semester</strong></th>
<th>Recommended Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJSU Studies Area S in US History (or a different Area S if F1 is met prior to transfer)</td>
<td>HIST 170S meets F1 + Area S (if F1 was met previously then take a different Area S course)</td>
<td>3*</td>
</tr>
<tr>
<td>Major: Biol 106</td>
<td>BIOL 106</td>
<td>3*</td>
</tr>
<tr>
<td>Major: Biol 106L</td>
<td>BIOL 106L</td>
<td>1*</td>
</tr>
<tr>
<td>Major: Biol 163</td>
<td>BIOL 163</td>
<td>3*</td>
</tr>
<tr>
<td>Major: Upper Division Biology Elective – Select from: ZOOL 115, 116, BIOL 155, 164, 172, BOT 104, ENT 106, GEOL 137, ZOOL 150, or 160.</td>
<td>UD Biology Elective</td>
<td>6*</td>
</tr>
<tr>
<td><strong>Semester Total</strong></td>
<td></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

*Notes: A minimum of 40 upper division units must be completed for degree. This roadmap is a sample pathway. Check with a major advisor regarding the most appropriate course sequence for you. 60 units minimum will be transferred with this degree, however up to 70 transfer units can be applied to the lower division and lower division free electives if articulated.*