<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 21A</td>
<td>(4)</td>
<td>ECS 20</td>
<td>(4)</td>
</tr>
<tr>
<td>MAT 21B</td>
<td>(4)</td>
<td>ECS 30</td>
<td>(4)</td>
</tr>
<tr>
<td>MAT 21C</td>
<td>(4)</td>
<td>ECS 40</td>
<td>(4)</td>
</tr>
<tr>
<td>MAT 21D</td>
<td>(4)</td>
<td>ECS 60</td>
<td>(4)</td>
</tr>
<tr>
<td>MAT 22A</td>
<td>(3)</td>
<td>EEC 122A</td>
<td>(4)</td>
</tr>
<tr>
<td>MAT 22AL</td>
<td>(1)</td>
<td>EEC 150</td>
<td>(4)</td>
</tr>
<tr>
<td>MAT 22B</td>
<td>(3)</td>
<td>EEC 1</td>
<td>(1)</td>
</tr>
<tr>
<td>PHY 9A</td>
<td>(5)</td>
<td>EEC 10</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 9B</td>
<td>(5)</td>
<td>ENG 190</td>
<td></td>
</tr>
<tr>
<td>PHY 9C</td>
<td>(5)</td>
<td>or ECS 188</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 9D</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHE 2A or 2AH</td>
<td>(5)</td>
<td>EEC 100</td>
<td>(5)</td>
</tr>
<tr>
<td>CHE 2AH</td>
<td>(5)</td>
<td>EEC 110A</td>
<td>(4)</td>
</tr>
<tr>
<td>ENG 17</td>
<td>(4)</td>
<td>EEC 140A</td>
<td>(4)</td>
</tr>
<tr>
<td>ENG 170*</td>
<td>(4)</td>
<td>EEC 172</td>
<td>(4)</td>
</tr>
<tr>
<td>COM 1, 2, 3, or 4</td>
<td></td>
<td>EEC 173A</td>
<td>(4)</td>
</tr>
<tr>
<td>or UWP 1 or</td>
<td>(4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENL 3 or NAS 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMN 1 or 3</td>
<td>(4)</td>
<td>EEC 196</td>
<td>(1)</td>
</tr>
<tr>
<td>English Comp Exam, or UWP 101, 102 or 104</td>
<td>(4)</td>
<td>EEC 161</td>
<td>(4)</td>
</tr>
</tbody>
</table>

**Upper Division Electives:**
Choose 2 courses from the following

**Project elective:** choose at least one of the following:
EEC 119AB, 136AB, 181AB, 193AB, 194ABC, 195AB (must be taken together to count as project elective)

**Additional Elective – 1 upper division ECE or ECS course**
(excluding ECS 132, 154A, 154B, 155, 157, & 188)

**Technical Electives (9)**
See [http://www.ece.ucdavis.edu/academics/courses/electives/](http://www.ece.ucdavis.edu/academics/courses/electives/) for TE list:

**General Education Plan 3**

**Writing Experience - excluding University composition requirement:**
6 units

**Oral Skills or Additional Writing Experience:**
3 units

**World Cultures:**
3 units

**Visual Literacy:**
ENG17/EEC100

**Quantitative Literacy:**
CHE2A/EEC161

**Scientific Literacy**
EEC140A

**Arts & Humanities (12-20 units)**

**Social Sciences (12-20 units)**

**American Cultures, Governance & History:**
1. Domestic Diversity:
   3 units
2. DD or ACGH
   3 units

* ECS154B may be substituted for EEC 170
* ECS154B may be substituted for EEC 170
* ECS154B may be substituted for EEC 170
* ECS154B may be substituted for EEC 170