Advisory only. For specific requirements see Engineering Advisor. Course #, content, and prerequisites may have changed.

In addition: Select seven upper division courses from the Theory and Practice list as follows:
(A) a minimum of 3 courses must be from the Theory List;
(B) a minimum of 3 courses must be from the Practice List, and
(C) they must include all 3 courses from one of the Depth Sequences listed below.

<table>
<thead>
<tr>
<th>Compilers &amp; Language Theory</th>
<th>Operating Syst. &amp; Hardware</th>
<th>Theory</th>
<th>Software Methodology</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPS 12C/L, CMPS 101</td>
<td>CMPE 16 or EE 17</td>
<td>CMPS 101</td>
<td>CMPE 12C/L, CS 101</td>
</tr>
<tr>
<td>CMPS 104A*</td>
<td>CMPE 100/L†[P]</td>
<td>CMPS 102‡ [T]</td>
<td>CMPS 104A* [P]</td>
</tr>
<tr>
<td>CMPS 112‡ [P]</td>
<td>CMPE 12C/L, CS 101</td>
<td>CMPS 101</td>
<td>CMPS 112‡ [P]</td>
</tr>
<tr>
<td>CMPE 12C/L, 16</td>
<td>CMPE 110‡ [P]</td>
<td>CMPS 130</td>
<td>CMPS 104A or 111 or 180</td>
</tr>
<tr>
<td>CMPS 130‡ [T]</td>
<td>Comp. Archit. (W, S)</td>
<td>CMPS 132‡ [T]</td>
<td>CMPS 115‡ [P]</td>
</tr>
<tr>
<td>Comp. Design II (S)</td>
<td>CMPE 12C/L, 100L†[P]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>or</td>
<td>CMPE 12C/L, 100L†[P]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMPS 104B†[P]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMPS 104A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


Theory List (Minimum of 3)
CMPS 102‡ (S) CMPE 153 (W)
CMPS 103A* CMPE 177 (F)
CMPS 106 (S) MATH 115 (S)
CMPS 130‡ (F) MATH 117 (F)
CMPS 132‡ (W) MATH 126 (F)
CMPS 150 (W) MATH 131A (F)
CMPE 107‡ (F,W,S) MATH 146 (S)
CMPE 108 (S) MATH 148 (S)

Practice List (Minimum of 3)
CMPS 104A† (F,W) CMPS 204† (F)
CMPS 104B† (S) CMPE 100/L† (F,W,S)
CMPS 111‡ (F, S) CMPE 110‡ (W, S)
CMPS 112‡ (W) CMPE 121/L† (F,S)
CMPS 115‡ (W, S) CMPE 123/L (W,S)
CMPS 140‡ (W) CMPE 124/L (W)
CMPE 160‡ (F,S) CMPE 126/L (F)
CMPE 180‡ (W) CMPE 152 (F)

(Use the reverse side of this page to draft a sample proposed study plan for Dept. and CS faculty adviser's approval)