# Computer Science Education Minor

(Teacher certification programs)

24 credits

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 120</td>
<td>Software Design I</td>
<td>4</td>
</tr>
<tr>
<td>CS 220</td>
<td>Software Design II</td>
<td>4</td>
</tr>
<tr>
<td>CS 225</td>
<td>Discrete Computational Structures ¹</td>
<td>3</td>
</tr>
<tr>
<td>CS 340</td>
<td>Software Design III: Abstract Data Types</td>
<td>4</td>
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<tr>
<td>CS 341</td>
<td>Software Design IV: Software Engineering</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Electives (at least three credits of electives must be 300/400 level computer science courses)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>24</td>
</tr>
</tbody>
</table>

¹ May substitute MTH 225 for CS 225.

PHY 335, MTH 317 and MTH 371 may be used as alternatives to computer science electives.

Early adolescence-adolescence teacher certification candidates must also complete MTH 421.