# Computer Languages and Systems Minor

Requirements for a Computer Languages and Systems minor. This minor is suitable for non-technical majors and minimal mathematics background.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 102</td>
<td>INTRO TO C PROGRAMMING</td>
<td>3</td>
</tr>
<tr>
<td>CS 105</td>
<td>COMP SCI SEM:ETH/PROFESS</td>
<td>1</td>
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<tr>
<td>CS 121</td>
<td>COMPUTER SCIENCE I</td>
<td>3</td>
</tr>
<tr>
<td>CS 221</td>
<td>COMP SCI II: DATA STRUCTURES</td>
<td>3</td>
</tr>
<tr>
<td>CS 321</td>
<td>INTRO OBJECT-ORIENTED PROG JAV</td>
<td>3</td>
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<tr>
<td>CS 300+ elective course</td>
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<td>3</td>
</tr>
<tr>
<td>CS 400+ elective course</td>
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<td>3</td>
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</tbody>
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Choose CS courses at the 300 level not listed in required courses above, For Ex: CS 307, CS 347, CS 371, CS 390

MA 113, Precalculus Trigonometry or higher math is required. MA 171, Calculus A is strongly recommended. The combination of MA 120 Math Professional Applications and CS 217 Analytic Tech Gaming may be substituted for Calculus A.