Computer Science Minor

All courses presented for this minor must be completed with a grade of C- or better.

The requirements for the minor are:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMP SCI 1250</td>
<td>Introduction to Computing</td>
<td>3</td>
</tr>
<tr>
<td>CMP SCI 2250</td>
<td>Programming and Data Structures</td>
<td>3</td>
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</tbody>
</table>

Select three additional computer science courses numbered 2000 or above. 9

**Total Hours** 15

A minimum of two computer science courses numbered above 2000 must be taken in residence in the Department of Computer Science at UMSL.

**Learning Outcomes**

Upon completion of a Minor in Computer Science at the University of Missouri St. Louis, students will be able to:

• Identify and interpret the basic computational issues in problem solving
• Apply the tools and techniques necessary for programming practice
• Use at least two general-purpose programming languages for solving computational problems
• Design, implement (code) and document solutions to computational problems