

# Computer Science Minor

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

The requirements for the minor are:

|  |                                 |           |
|--|---------------------------------|-----------|
| CMP SCI 1250   | Introduction to Computing       | 3         |
| CMP SCI 2250   | Programming and Data Structures | 3         |
| Select three additional computer science courses numbered 2000 or above. |                                 | 9         |
| <b>Total Hours</b>   |                                 | <b>15</b> |

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