

# COMPUTER SCIENCE, MINOR (BEHREND)

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

## Program Requirements

| Requirement                | Credits |
|----------------------------|---------|
| Requirements for the Minor | 18      |

### Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (<https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/>).

In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

| Code                                                                        | Title                                                   | Credits |
|-----------------------------------------------------------------------------|---------------------------------------------------------|---------|
| <b>Prescribed Courses</b>                                                   |                                                         |         |
| <i>Prescribed Courses: Require a grade of C or better</i>                   |                                                         |         |
| CMPSC 122                                                                   | Intermediate Programming <sup>1</sup>                   | 3       |
| CMPSC 360                                                                   | Discrete Mathematics for Computer Science               | 3       |
| CMPSC 465                                                                   | Data Structures and Algorithms                          | 3       |
| <b>Additional Courses</b>                                                   |                                                         |         |
| <i>Additional Courses: Require a grade of C or better</i>                   |                                                         |         |
| Select one of the following:                                                |                                                         | 3       |
| CMPSC 221                                                                   | Object Oriented Programming with Web-Based Applications |         |
| CMPSC 312                                                                   | Computer Organization and Architecture                  |         |
| SWENG 311                                                                   | Object-Oriented Software Design and Construction        |         |
| <b>Supporting Courses and Related Areas</b>                                 |                                                         |         |
| <i>Supporting Courses and Related Areas: Require a grade of C or better</i> |                                                         |         |
| Select 6 credits of 400-level (below 490) CMPSC courses                     |                                                         | 6       |

<sup>1</sup> CMPSC 121 and MATH 140 are prerequisites for CMPSC 122.