



## Computer Science *minor*

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Required Credits: 15-20

Required GPA: 2.00

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COMPUTER SCIENCE MINOR REQUIREMENTS WEB EMPHASIS: MUST COMPLETE ALL AREAS WITH A TOTAL OF AT LEAST 15 SEMESTER CREDITS AND A 2.00 GPA

Additional requirement: Successful completion of the minor requires at least one Computer Science course at the 3000/4000 level taken while in residence at BSU.

### I REQUIRED COURSES

Complete the following course:

- CS 1309 Problem Solving and Computation (3 credits)

### II REQUIRED EMPHASIS-WEB EMPHASIS

Complete the following courses:

- CS 2270 Introduction to Web Programming (3 credits)
- CS 3270 Advanced Web Programming (3 credits)

Select 6 semester credits from the following courses:

- CS 2321 Computer Science I (4 credits)
- CS 2322 Computer Science II (4 credits)
- CS 2810 Computer Organization and Assembly Language Programming (3 credits)
- CS 3370 Mobile Application Development (3 credits)
- CS 4390 Social, Ethical, and Professional Issues in Computing (3 credits)

### MAY INCLUDE 1:

- GEOG 4275 Advanced Geographic Information Systems (3 credits)  
or ENGL 3179 Elements of Digital Rhetoric (3 credits)

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COMPUTER SCIENCE MINOR REQUIREMENTS PROFESSIONAL EMPHASIS: MUST COMPLETE ALL AREAS WITH A TOTAL OF AT LEAST 20 SEMESTER CREDITS AND A 2.00 GPA

Additional requirement: Successful completion of the minor requires at least one Computer Science course at the 3000/4000 level taken while in residence at BSU.

### I REQUIRED COURSES

Complete the following course:

- CS 1309 Problem Solving and Computation (3 credits)

### II REQUIRED EMPHASIS-PROFESSIONAL EMPHASIS

Complete the following courses:

- CS 2321 Computer Science I (4 credits)
- CS 2322 Computer Science II (4 credits)

Select 9 semester credits from the following courses:

- CS 2810 Computer Organization and Assembly Language Programming

- (3 credits)
- PHYS 2500 Electronics (4 credits)
- Computer Science courses at the 3000 and 4000 levels