



## Computer Science *minor*

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The Bachelor of Science minor in Computer Science is designed to provide students with the opportunity to obtain a background in computer science that will enhance their major areas of study and increase their employability.

Required Credits: 15-20  
Required GPA: 2.00

- CS 2322 Computer Science II (4 credits)

SELECT 9 SEMESTER CREDITS FROM THE FOLLOWING COURSES:  
CS 2810, PHYS 2500 AND  
COMPUTER SCIENCE COURSES AT THE 3000 AND 4000 LEVELS

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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

### 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 (2 credits)

MAY INCLUDE ONE OF THE FOLLOWING COURSES:

- GEOG 4233 Advanced Geographic Information Systems (GIS) (3 credits)  
or  
ENGL 3179 Elements of Electronic Rhetoric (3 credits) or  
TADD 3549 Digital Media/Interactive (4 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

### 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)