# Computer Science minor

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

## 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 4275 Advanced Geographic Information Systems (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)
- CS 2322 Computer Science II (4 credits)

SELECT 9 SEMESTER CREDITS FROM THE FOLLOWING COURSES: CS 2810, PHYS 2500 AND