

# MINOR IN COMPUTER SCIENCE

A Computer Science Minor consists of 22 or more hours of Computer Science coursework of which at least 9 hours must be advanced. Students are recommended to take COSC 4349 as an advanced course. Three recommended minor plans are shown below. Modifications may be made to meet individual student needs as approved by the Computer Science Department Chair. Individualized minor plans are available for students seeking a Computer Science minor for Certification.

## Minor in Computer Science

Select an emphasis from one of the following concentrations: 22-23

### Computer Sciences (CS):

COSC 1436	Programming Fundamentals I
COSC 1437	Programming Fundamentals II
COSC 2329	Comp Organiz & Machine Lang
COSC 2347	Special Topics/Programming
COSC 3318	Data Base Management Systems
COSC 3327	Computer Architecture

3 hrs. of advanced COSC/DFSC courses

### Information Systems (IS):

COSC 1436	Programming Fundamentals I
COSC 1437	Programming Fundamentals II
COSC 2327	Intro to Computer Networks
COSC 2347	Special Topics/Programming
COSC 3318	Data Base Management Systems
COSC 3337	Infor Sys Design & Management

3 hrs. of advanced COSC/DFSC courses

### Information Assurance (IA):

COSC 1436	Programming Fundamentals I
COSC 2327	Intro to Computer Networks
DFSC 1316	DF and IA Fundamentals I
DFSC 2316	DF and IA Fundamentals II
DFSC 3316	Cryptography and Network Scrtcy
DFSC 4317	Information Security

3 hrs. of advanced COSC/DFSC courses

Total Hours 22-23