

# 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.

| Code   | Title                          | Hours |
|--|--------------------------------|-------|
| <b>Minor in Computer Science</b>                             |                                |       |
| Select an emphasis from one of the following concentrations: |                                | 22-23 |
| <b>Computer Sciences (CS):</b>                               |                                |       |
| 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                         |                                |       |
| <b>Information Systems (IS):</b>                             |                                |       |
| 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                         |                                |       |
| <b>Information Assurance (IA):</b>                           |                                |       |
| 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 Scrty |       |
| DFSC 4317  | Information Security           |       |
| 3 hrs. of advanced COSC/DFSC courses                         |                                |       |
| Total Hours  |                                | 22-23 |