

Information Technology Program - Dormant

Information Technology Major - *This program is dormant at present*

The department offers a major and minor in information technology. The major will prepare students for a variety of careers in computer science but emphasizes data management with web site development applications..

Requirements

39 hours of information technology courses including:

- IT 100** Computers and Information Technology (3 hours)
- IT 110** Web Development Tools (3 hours)
- IT 200** Introduction to Programming (3 hours)
- IT 201** Data Structures (3 hours)
- IT 210** Information Technology Systems (3 hours)
- IT 220** Programming in a Second Language (3 hours)
- IT 301** Computer Systems (3 hours)
- IT 360** Human Computer Interaction (3 hours)
- IT 401** Operating Systems (3 hours)
- IT 421** Database Management Systems (3 hours)
- IT 431** Data Communications and Networks (3 hours)
- IT 460** Information Security (3 hours)
- IT 375** Junior Seminar (1 hour)
- IT 475** Senior Project (2 hours)

Required supporting courses:

- MA 123** Discrete Mathematics (3 hours)
- G-MA221** Elementary Applied Statistics (4 hours)
- AR340** Web-Based Design (3 hours)

Recommended supporting courses

- AR230** Graphic Design I

Information Technology Minor

Requirements

21 hours of information technology including:

- IT 100** Computers and Information Technology (3 hours)
- IT 200** Introduction to Programming (3 hours)
- IT 201** Data Structures (3 hours)
- IT 210** Information Technology Systems (3 hours)
- IT 301** Computer Systems (3 hours)
- IT 360** Human Computer Interaction (3 hours)

Two courses at the 300 or above level (6 hours)

Required supporting courses

- MA 123** Discrete Mathematics (3 hours)
- G-MA221** Elementary Applied Statistics (4 hours)
- AR240** Web-Based Design (3 hours)

Recommended supporting courses

- AR 320** Graphic Design I