

MINOR FIELD: INFORMATION TECHNOLOGY

DEPARTMENT: Mathematics—Computer Science—Physics

TOTAL NUMBER OF CREDITS: 18 credits

RATIONALE:

Complement your major with a minor that helps you to develop new, or refine existing, computer skills that are valuable in all disciplines. Today's business and academic worlds require expect university graduates to have computer knowledge and confidence in using software and hardware. This minor will help to ensure you will be able to use Information Technology to learn, to acquire/analyze information and communicate swiftly and effectively in a variety of electronic forms.

REQUIREMENTS: (12 credits)

CIS 105	3D Computing
CIS 214	Multimedia: Concepts and Design
CIS 230	Internet Use and Web Design
CIS 231	The Basics of Networking

ELECTIVES: (6 credits)

Six credits chosen from:

CIS 202	Computer Literacy II
CIS 218	Software Design & Programming
CIS 224	Database
CIS 325	Systems Analysis & Design
CIS 327	Advanced Design & Programming
CIS 328	Artificial Intelligence
CIS 330	Advanced Topics in Robotics
CIS 331	Software Project Management
CIS 335	Technology & Ethical Issues
CIS 403	Object-Oriented Concepts
CIS 404	Human Computer Interaction
CIS 406	Software Quality & Testing
PHY 208	Science of Communication

DEPARTMENT ADVISOR: Valerie Martin

Revised: July 2008