

COMPUTER INFORMATION SYSTEMS

- Major: 69 credit hours
- Minor: 20 credit hours

PROGRAM REQUIREMENTS:

- Major/Minor GPA required for graduation: 2.25
- All courses for the major and minor must be completed with a grade of C- or better.

Description of Major: Computer information systems majors study a variety of business-related topics in addition to their programming skills and formal course work in database management, networking, and systems analysis. The course work ensures that the students obtain a thorough view of the modern business world and the impact of information technology on modern business practices. Computer information systems majors are prepared for further education in a graduate program or for employment in one of many jobs such as database administration, network administration, or applications programming.

COMPUTER INFORMATION SYSTEMS MAJOR REQUIREMENTS 66 crs.

REQUIRED COURSES

60 crs.

CSI 130	INTRODUCTION TO COMPUTING I	(4)
CSI 215	INTRODUCTION TO DATABASES	(3)
CSI 230	INTRODUCTION TO COMPUTING II	(4)
CSI 235	MATHEMATICS OF COMPUTING	(3)
CSI 300	COMPUTER ORGANIZATION AND ARCHITECTURE	(3)
CSI 315	SYSTEMS ANALYSIS AND DESIGN	(3)
CSI 320	INFORMATION TECHNOLOGY MANAGEMENT (W)	(3)
CSI 330	DATA STRUCTURES AND ALGORITHMS	(3)
CSI 415	ADVANCED DATABASE CONCEPTS	(3)
CSI 417	PROJECT MANAGEMENT	(3)
CSI 450	COMPUTER NETWORKING AND COMMUNICATIONS	(3)
CSI 497	SENIOR SEMINAR I	(1)
CSI 498	SENIOR SEMINAR II	(2)
ECO 211	PRINCIPLES OF MICROECONOMICS	(3)
ACC 205	PRINCIPLES OF FINANCIAL ACCOUNTING	(3)
ACC 230	PRINCIPLES OF MANAGERIAL ACCOUNTING	(3)
MGT 204	PRINCIPLES OF MANAGEMENT	(3)
MKT 205	PRINCIPLES OF MARKETING	(3)
MTH 170	STATISTICS	(4)
PWR 360	INTERDISCIPLINARY PROFESSIONAL AND TECHNICAL WRITING (W)	(3)

TWO COURSES FROM THE FOLLOWING

6 crs.

CSI 325	ELECTRONIC COMMERCE	(3)
CSI 345	THE STRUCTURE OF OPERATING SYSTEMS	(3)
CSI 369	SOCIAL, LEGAL, AND ETHICAL ISSUES OF COMPUTING (W)	(3)

CSI		
380-389	SPECIAL TOPICS IN COMPUTING AND INFORMATION SYSTEMS	(3)
CSI 425	WEB PROGRAMMING	(3)
CSI 337	INFORMATION SECURITY	(3)
CSI 445	DATA MINING	(3)
CSI 470	INTERNSHIP IN COMPUTING AND INFORMATION SCIENCE	(3)
CSI 480	INDEPENDENT STUDY IN COMPUTING AND INFORMATION SCIENCE	(3)

COMPUTER INFORMATION SYSTEMS MINOR REQUIREMENTS 20 crs.

CSI 130	INTRODUCTION TO COMPUTING I	(4)
CSI 215	INTRODUCTION TO DATABASE	(3)
CSI 230	INTRODUCTION TO COMPUTING II	(4)
CSI 315	SYSTEMS ANALYSIS AND DESIGN	(3)
CSI 417	PROJECT MANAGEMENT	(3)
MGT 204	PRINCIPLES OF MANAGEMENT	(3)

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