

# INFORMATION SYSTEMS, MINOR

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The Minor in Information Systems offers students the opportunities to acquire an in-depth understanding of technical foundations and business applications of information systems. It thus provides an excellent complement and/or improvement to training in other concentrations. A total of two preparation courses (6-7 units) and four IS concentration courses (12 units) comprise the minor.

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## Requirements

### Preparation for the Minor: (6-7 units)

Code	Title	Hours
Select one course from the following:		3-4
CIS 270	Info Sys/Tech Fundamentals	
CSC 111	Introduction to Computers and Basic Programming	
CSC 121	Introduction to Computer Science and Programming I	
CIS 370	Info Sys Theory and Practice	3
<b>Total Hours</b>		<b>6-7</b>

### The Minor: (12 units)

Code	Title	Hours
CIS 372	Systems Analysis and Design	3
CIS 373	Database Systems	3
Select two courses from the following:		6
CIS 272	Business Programming I	
CIS 275	Internet Literacy	
CIS 371	Business Programming II	
CIS 375	Data Communications	
CIS 378	Info Security Theories & Pract	
CIS 471	Adv Network Based Applications	
CIS 474	Project Management Fundamentals	
CIS 476	Adv Concepts Bus Systems	
CIS 477	Adv Data Communications	
CIS 478	Firewall and Computer Network Security	
CIS 480	Data Mining and Business Intelligence	
CIS 482	Databases & Web Security	
CIS 488	Mgt of Information Security	
CIS 496	Internship In CIS	
<b>Total Hours</b>		<b>12</b>