

MINOR IN COMPUTER INFORMATION SYSTEMS**20 credits**

Fall 2018 – Spring 2019

Required Courses:

CSIS	1100 or 1180 or 2010*	Computer Science: An Overview - OR - Computing Concepts and Applications -OR - Computing Information Systems: An Overview	(4)
CSIS	2101 or 2110	Programming and Problem Solving I -OR- Scripting & Logical Thinking	(4)
CSIS	2210	Systems Analysis and Design	(4)

Elective Courses: choose 2 from the following courses:

CSIS	3222	Database Systems (requires MATH 2225)	8 total credits
CSIS	3230	Computer Networking Principles (requires MATH 2225)	
CSIS	3241	E-Commerce	
CSIS	3240	Enterprise Resource Planning	
CSIS	3381	Information Assurance & Security	
CSIS	3430	Network Assurance & Security	
CSIS	3240	Network & System Administration (2 credit course)	
CSIS	3259	Business Analytics	
CSIS	3450	Business Intelligence	
CSIS	3470	Application Development	
CSIS	3472	Human-Computer Interaction	
CSIS	3475	Project Management	
CSIS	4110	Digital Forensics	
CSIS	4211	Advanced System Analysis	
CSIS	4223	Advanced Databases	
CSIS	4520	Topics in Computer Information Systems	

* A third elective course may be substituted for CSIS 1100 or 1180 or 2101

Elective courses may require other courses further up on the elective list as pre-requisites.

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