

CLARION UNIVERSITY OF PENNSYLVANIA

College of Business Administration and Information Sciences

Minor*: INFORMATION SYSTEMS

NAME _____
 CLARION ID _____
 MAJOR _____
 ADVISOR FOR MAJOR _____
 DATE OF ENTRY INTO MINOR _____
 ADVISOR FOR MINOR _____

REQUIREMENTS FOR MINOR IN INFORMATION SYSTEMS: 18 CREDITS

	<u>CR.</u>	<u>GR.</u>	<u>SEMESTER COMPLETED</u>
1. Required Courses (9 credits)			
CIS 110: Intro. to Computer Information Systems	3	___	_____
OR			
CIS 317: Microcomputer Maintenance Tech.			
CIS 202: Intro. to Program. & Algorithms I	3	___	_____
CIS 301: Computer Systems Analysis	3	___	_____
2. Additional Required Courses (9 credits)			
CIS 217: Applications of Microcomputers	3	___	_____
CIS 270: Client Side Web Programming	3	___	_____
CIS 303: Local Area Networks	3	___	_____
CIS 305: Artificial Intelligence in Decision Making	3	___	_____
CIS 306: Object-Oriented Programming	3	___	_____
CIS 312: Special Topics in Computing	3	___	_____
CIS 317: Microcomputer Maintenance Concepts and Techniques	3	___	_____
CIS 330: Information Systems Programming	3	___	_____
CIS 333: Information Systems Auditing & Security	3	___	_____
CIS 370: Server Side Web Programming	3	___	_____
CIS 402: Data Base Management Systems	3	___	_____
CIS 403: Data Communications	3	___	_____
CIS 406: Mobile Application Development	3	___	_____
CIS 420: Intro to Data Warehousing	3	___	_____
CIS 462: Simulation and Modeling	3	___	_____
CIS/MGMT 470: Project Management	3	___	_____

* All courses taken in the minor must be taken for a grade as stated in the CCPS Guidelines, page 15.

* A student must present a quality point average of 2.0 on a 4.0 scale in the minor.

* At least nine credits of this minor must not also be used to satisfy requirements for the student's major.

* All courses should be checked for prerequisites.

Signatures (upon completion of the minor requirements):

 Minor Advisor

 Date

 Department Chairperson

 Date

No Changes Since Fall 2015