

CLARION UNIVERSITY OF PENNSYLVANIA

January 2010

College of Arts and 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 | ___ | _____ |
| 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: Advanced Event-Driven 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 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