

Business Information Systems Minor (18 credits) - Department of Management and Business

[\[BIS 230\]](#) Computer Applications (3)*

[\[BIS 381\]](#) Information Systems and Managers (3)

[\[BIS 411\]](#) Systems Analysis and Design Concepts (3)

Three of the following:

[\[BIS 251\]](#) Hardware and Software (3)

[\[BIS 333\]](#) Business Systems Applications (3)

[\[BIS 343\]](#) Introduction to E-Commerce (3)

[\[BIS 401\]](#) Webmasters and Servers (3)

[\[BIS 402\]](#) Applied Networks and Telecommunications (3)

[\[BIS 412\]](#) Systems Analysis and Design Applications (3)

[\[BIS 490\]](#) Topics in Information Systems (3)

[\[COSC 181\]](#) Computer Programming I (3)

All students must pass the department-administered Computer Competency Exam as part of the minor requirements.

*All students must pass the department-administered Computer Competency Exam prior to enrolling in BIS 230. Students who do not pass the Computer Competency Exam may enroll in BIS 130 Introduction to Computers.