

BACHELOR OF SCIENCE
COMPUTER INFORMATION SYSTEMS (Formerly Information Systems & Technology)
DEGREE REQUIREMENTS
2006-2007

A. Major Requirements

1. Core Courses

CS 1511: Computer Science I (5)
CS 1521: Computer Science II (5)
CS 2511: Software Analysis and Design (4)
CS 3011: Information Technology Hardware and Software (4)
FMIS 2201: Information Technology in Business (3)*

2. Advanced Courses

CS 3111: Computer Ethics (4)
CS 3121: Interactive Multimedia Technology (4)
CS 3211: Database System Concepts (4)
CS 3221: Operating Systems Practicum (4)
CS 4411: Data Communications and Network Technology (4)
CS 4531: Software Engineering (4)

B. Additional Requirements

Minor in Business Administration[§]

COMM 1112: Public Speaking (3)
COMP 1120: College Writing (3)
COMP 3121: Advanced Writing: Business and Organizations (3) *OR*
COMP 3130: Advanced Writing: Engineering (3) *OR*
COMP 3150: Advanced Writing: Science (3)
MATH 1296: Calculus I (5)
STAT 3611: Intro to Probability and Statistics (4)*

C. General Education Electives including the additional Liberal Education Requirements (21)[#]

TOTAL (120)

*Counts toward the Business Administration minor for non-SBE students.

[§]NOTE: In addition to the courses noted above, the Business Administration minor requirements include:

- 1) ACCT 2001: Principles of Financial Accounting (3) or ACCT 2005: Survey of Accounting (3)
- 2) ECON 1003: Economics and Society (3) *OR*
ECON 1022: Principles of Economics – Macro and ECON 1023: Principles of Economics – Micro (6)
- 3) FMIS 3301: Production and Operations Management (3)
- 4) FMIS 3601: Corporation Finance (3)
- 5) MGTS 3401: Organizational Behavior and Management (3)
- 6) MGTS 3701: Principles of Marketing (3)
- 7) MGTS 3801: Human Resource Management (3)

[#]Electives are subject to departmental approval