

**B.S. Dual Majors for Computer Science and Business (284BS)
For Students Entering in Fall 2008 or Spring 2009**

Revision of June 23, 2008

This degree program requires 133 SH of credit

The College of Computer and Information Science and the College of Business Administration reserve the right to modify the curriculum described in this document or the individual courses as necessary in the future.

Computer Science
49 or 50 SH: 11 @ 4 SH, 5 or 6 @ 1 SH
<i>Required Computer Science Courses (44 or 45 SH)</i>
CS U200 Discrete Structures & CS U201 [0 SH]
CS U211 Fund of Computer Science 1 & CS U212 [1 SH]
CS U213 Fund of Computer Science 2 & CS U214 [1 SH]
CS U221 CS/IS Overview 1 [1 SH]
CS U222 CS/IS Overview 2 [1 SH]
or
CS U223 CS/IS Co-op Preparation [1 SH]
CS U290 Logic and Computation & CS U291 [1 SH]
CS U370 Object-Oriented Design
CS U380 Computer Organization
CS U390 Theory of Computation
CS U430 Database Design
CS U480 Systems and Networks
CS U670 Software Development
CS U600 Senior Seminar [1 SH]
<i>Computer Science Elective (4 SH)</i>
CS Elective
<i>CS elective: CS U400 or higher, IS U570 or IS U535</i>
English Requirements (8 SH)
ENG U111 College Writing
ENG U302 Adv Writing in the Technical Professions
<i>With permission, may substitute ENG U301 for ENG U302</i>
Mathematics Requirement (4 SH)
MTH U241 Calculus 1 for Science/Engineering
or
MTH U131 Calculus for Business/Economics
General Requirements (12 SH)
ECN U115 Macroeconomics
ECN U116 Microeconomics
SOC U528 Computers and Society

Business (48 SH: 12 @ 4 SH)
<i>Required Business Courses (28 SH)</i>
ACC U201 Financial Accounting
ACC U301 Managerial Accounting
FIN U201 Financial Management
HRM U201 Organizational Behavior
MKT U201 Introduction to Marketing
MSC U201 Business Statistics
MGT U501 Strategy in Action
<i>Required Business Concentration (16 SH)</i>
A 4-course business concentration (other than MIS)
<i>Integrative Course (4 SH)</i>
MIS U305 Information Resource Management
General Electives (12 SH)
Elective 1: Arts/Humanities
Elective 2
Elective 3
<i>The general electives must be consistent with the policy on general electives articulated by the College of Computer and Information Science on the college web site.</i>
<i>1 of the general electives must be used to satisfy:</i>
<i>Level 1 Arts/Humanities Core</i>
<i>The Comparative Cultures Requirement must be satisfied. If this is done by taking a course then this must also be one of the general electives. Note that dual majors with Business are eligible to take the following course to satisfy this requirement:</i>
<i>INB U203 International Business and Global Social Responsibility</i>