

**B.S. Dual Major for Computer Science and Information Science (271BS)
For Students Entering in Fall 2008 or Spring 2009**

Revision of June 23, 2008

This degree program requires 133 SH

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

Computer Science
52 or 53 SH: 12 @ 4 SH, 4 or 5 @ 1 SH
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 & Networks
CS U660 Programming Languages
CS U670 Software Development
CS U690 Algorithms & Data
Information Science
29 SH: 6 @ 4 SH, 1 @ 5 SH
IS U300 Principles of Information Science
IS U470 Information System Design & Development
IS U570 Human Computer Interaction
IS U580 Empirical Research Methods
IS U692 Information Science Senior Project [5 SH]
SOC U528 Computers & Society
MIS U305 Information Resource Management
Behavioral Science (12 SH: 3 @ 4 SH)
ECN U116 Microeconomics
PSY U101 Foundations of Psychology
HRM U201 or HRM U209 Organizational Behavior
English (8 SH: 2 @ 4 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 (12 SH: 3 @ 4 SH)
MTH U241 Calculus 1
MTH U371 Linear Algebra
ECN U350 Statistics
General Electives (20 SH: 5 @ 4 SH)
Elective 1: Arts/Humanities Core
Elective 2: Science from the Science/Technology Core
Elective 3
Elective 4
Elective 5
<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: Level 1 Arts/Humanities Core</i>
<i>1 of the general electives must be a science chosen from the Level 1 Science/Technology core. This course must not be a technology course. If the science course chosen requires a lab then that lab must be taken as well.</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.</i>