

**B.S. Dual Major for Computer Science and Information Science (271BS)
For Students Entering in Fall 2007 or Spring 2008**

Revision of June 23, 2008

This degree program requires 132 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.

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| Computer Science |
| 51 or 52 SH: 12 @ 4 SH, 3 or 4 @ 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 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> |

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| 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> |

Change Notes:

As of September 2008, the 1 SH course

IS U691 Information Science Field Study

will no longer be taught. This course has been removed from the requirements and the required credits have been adjusted to 132 SH.