

**B.S. Dual Major Specimen 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

A1	CS U200 Discrete Structures and CS U201 (Recitation)	4
Fall	CS U211 Fundamentals of Computer Science 1 and CS U212 (Lab)	5
	CS U221 CS/IS Overview 1	1
	ENG U111 College Writing	4
	Elective 1: Arts/Humanities Core	4
A2	CS U213 Fundamentals of Computer Science 2 and CS U214 (Lab)	5
Spring	CS U290 Logic and Computation and CS U291 (Lab)	5
	CS U222 CS/IS Overview 2 (1 SH)	1
	ECN U116 Microeconomics	4
	PSY U101 Foundations of Psychology	4
A3	IS U300 Principles of Information Science	4
Fall	CS U370 Object-oriented Design	4
	CS U380 Computer Organization and Architecture	4
	ECN U350 Statistics	4
A4	IS U570 Human-Computer Interaction	4
Fall/Spring	CS U390 Theory of Computation	4
	CS U430 Database Design	4
	MTH U241 Calculus 1	4
A5	IS U470 Information Systems Design and Development	4
Fall/Spring	IS U580 Empirical Research Methods	4
	CS U480 Systems and Networks	4
	CS U660 Programming Languages or CS U690 Algorithms and Data	4
H1	HRM U201 or HRM U209 Organizational Behavior	4
Summer	MTH U371 Linear Algebra	4
A6	MIS U305 Information Resource Management	4
Fall/Spring	CS U660 Programming Languages or CS U690 Algorithms and Data	4
	ENG U302 Adv Writing in the Technical Professions	4
	Elective 2: Level 1 Science from the Science/Technology core	4
H2	Elective 3	4
Summer	Elective 4	4
A7	CS U670 Software Development	4
Spring	IS U692 Information Science Senior Project	5
	SOC U528 Computers and Society	4
	Elective 5	4

For terms A4, A5, A6, H1, H2, students in Division A attend in Spring and Summer 1, while students in Division N attend in Fall and Summer 2.

Notes on Electives:

1 of the general electives must be used to satisfy:

Level 1 Arts/Humanities Core

*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.*

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.