

**B.S. Dual Major for Information Science and Cognitive Psychology
For Students Entering Before Fall 2007
Revision of June 23, 2008**

This degree program requires 133 SH of credit

Note that IS U691 must be taken during a cooperative education activity.

As of September 2008, IS U691 is no longer required. The required credits are reduced to 132 SH.

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

Computer Science (28 SH: 6 @ 4 SH, 4 @ 1 SH)	Psychology (36 SH: 9 @ 4 SH)
<i>Computer Science Required Courses (33 SH)</i>	<i>Psychology Required Courses (16 SH)</i>
CS U200 Discrete Structures & CS U201 (0 SH)	PSY U101 Foundations of Psychology
CS U211 Fund of Computer Science 1 & CS U212 (1 SH)	PSY U320 Statistics in Psychological Research
CS U213 Fund of Computer Science 2 & CS U214 (1 SH)	<i>If the lab PSY U321 is offered, then take it.</i>
CS U221 CS/IS Overview 1 (1 SH)	PSY U464 Psychology of Language
CS U222 CS/IS Overview 2 (1 SH)	PSY U466 Cognition
CS U370 Object-Oriented Design	
CS U390 Theory of Computation	<i>Choose one Psychology elective from the following (4 SH)</i>
CS U520 Artificial Intelligence	PSY U452 Introduction to Sensation & Perception
	PSY U458 Psychobiology
Information Science (16 SH: 4 @ 4 SH)	
IS U300 Principles of Information Science	<i>Choose one of the following laboratory courses (4 SH)</i>
IS U470 Information System Design and Development	PSY U610 Laboratory in Psycholinguistics
IS U570 Human Computer Interaction	PSY U612 Laboratory in Cognition
IS U580 Empirical Research Methods	PSY U622 Laboratory in Sensation & Perception
English (8 SH: 2 @ 4 SH)	<i>Choose one of the following seminar courses (4 SH)</i>
ENG U111 College Writing	PSY U658 Seminar in Psycholinguistics
ENG U302 Adv Writing in the Technical Professions	PSY U660 Seminar in Cognition
<i>With permission, may substitute ENG U301 for ENG U302</i>	PSY U668 Seminar in Sensation & Perception
Mathematics (4 SH: 1 @ 4 SH)	<i>Choose two Psychology electives from the following (8 SH)</i>
MTH U241 Calculus 1	PSY U402 Social Psychology
	PSY U450 Learning and Motivation
A&S Core Requirements (20 SH: 5 @ 4 SH)	PSY U520 Language and the Brain
Category II: Methods of Inquiry	PSY U522 Psychology of Reading
<i>Choose PHL U215 Symbolic Logic</i>	PSY U524 Language and Cognitive Development
<i>Choose one from Arts, Humanities, or Social World</i>	PSY U526 Categorization and Reasoning
Category III: Diversity	PSY U652 Seminar in Ethics in Psychology
<i>Choose one</i>	<i>Or any of the following if not used above:</i>
Category IV: Historical, Ethical, Aesthetic	PSY U452, PSY U458
<i>Choose one</i>	PSY U610, PSY U612, PSYU622
Category V: Analysis	PSY U658, PSY U660, PSY U668
<i>Choose SOC U528 Computers and Society</i>	
<i>Students may not fulfill any Core Requirements by taking courses in science or mathematics.</i>	
	Integrative Courses (6-8 SH: 2 @ 2-4 SH)
General Electives (12-16 SH: 3-4 @ 4 SH)	<i>Choose one of the following options:</i>
Elective 1	A: IS U691 & IS U692 (1 co-op and 1 semester)
Elective 2	Field Study/Senior Project
Elective 3	B: PSY U970 & PSY U971 (2 semesters)
Elective 4	Junior/Senior Honors Project 1 and 2
<i>The Core curriculum courses and general electives must be consistent with the policy on general electives articulated by the College of Computer and Information Science in the Student Guidebook and on the college web site.</i>	<i>Students who wish to take option B must consult in advance with Prof. Joanne Miller of Psychology, receive explicit permission, and make appropriate arrangements.</i>
	<i>Either choice satisfies the experiential education requirement.</i>
	<i>See also CS U520 Artificial Intelligence</i>
	<i>See also IS U570 Human-Computer Interaction</i>