

B.S. Dual Major for Information Science and Cognitive Psychology (279BS) 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 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	Psychology (36 SH: 9 @ 4 SH)
32 or 32 SH: 7 @ 4 SH, 4 or 5 @ 1 SH	<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
or	
CS U223 CS/IS Co-op Preparation [1 SH]	
CS U290 Logic and Computation & CS U291 [1 SH]	<i>Choose one Psychology elective from the following (4 SH)</i>
CS U370 Object-Oriented Design	PSY U452 Introduction to Sensation & Perception
CS U390 Theory of Computation	PSY U458 Psychobiology
CS U520 Artificial Intelligence	
	<i>Choose one of the following laboratory courses (4 SH)</i>
Information Science	PSY U610 Laboratory in Psycholinguistics
21 SH: 1 @ 5 SH, 4 @ 4 SH	PSY U612 Laboratory in Cognition
IS U300 Principles of Information Science	PSY U622 Laboratory in Sensation & Perception
IS U470 Information System Design and Development	
IS U570 Human Computer Interaction	<i>Choose one of the following seminar courses (4 SH)</i>
IS U580 Empirical Research Methods	PSY U658 Seminar in Psycholinguistics
IS U692 Information Science Senior Project [5 SH]	PSY U660 Seminar in Cognition
	PSY U668 Seminar in Sensation & Perception
English (8 SH: 2 @ 4 SH)	<i>Choose two Psychology electives from the following (8 SH)</i>
ENG U111 College Writing	PSY U402 Social Psychology
ENG U302 Adv Writing in the Technical Professions	PSY U450 Learning and Motivation
<i>With permission, may substitute ENG U301 for ENG U302</i>	PSY U520 Language and the Brain
	PSY U522 Psychology of Reading
Mathematics (4 SH: 1 @ 4 SH)	PSY U524 Cognitive Development
MTH U241 Calculus 1	PSY U526 Categorization and Reasoning
	PSY U652 Seminar in Ethics in Psychology
General Requirements (4 SH: 1 @ 4 SH)	<i>Or any of the following if not used above:</i>
SOC U528 Computers and Society	PSY U452, PSY U458
	PSY U610, PSY U612, PSY U622
General Electives (28 SH: 7 @ 4 SH)	PSY U658, PSY U660, PSY U668
Elective 1: Arts/Humanities Core	<i>Or, if you are an Honors student, the pair :</i>
Elective 2	PSY U970 Junior/Senior Project 1
Elective 3	PSY U971 Junior/Senior Project 2
Elective 4	
Elective 5	
Elective 6	
Elective 7	
<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>	Integrative Courses
<i>1 of the general electives must be used to satisfy:</i>	<i>See CS U520 Artificial Intelligence</i>
<i>Level 1 Arts/Humanities Core</i>	<i>See IS U570 Human-Computer Interaction</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>	<i>See IS U692 Information Science Senior Project [5 SH]</i>