

B.S. Dual Major for Computer Science and Cognitive Psychology (280BS) For Students Entering in Fall 2007 or Spring 2008

Revision of June 19, 2008

This degree program requires 132 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)
48 or 49 SH: 11 @ 4 SH, 4 or 5 @ 1 SH	<i>Psychology Required Courses (16 SH)</i>
<i>Computer Science Required Courses (40 or 41 SH)</i>	PSY U101 Foundations of Psychology
CS U200 Discrete Structures & CS U201 [0 SH]	PSY U320 Statistics in Psychological Research
CS U211 Fund of Computer Science 1 & CS U212 [1 SH]	<i>If the lab PSY U321 is offered, then take it.</i>
CS U213 Fund of Computer Science 2 & CS U214 [1 SH]	PSY U464 Psychology of Language
CS U221 CS/IS Overview 1 [1 SH]	PSY U466 Cognition
CS U222 CS/IS Overview 2 [1 SH]	
or	
CS U223 CS/IS Co-op Preparation [1 SH]	<i>Choose one of the following (4 SH)</i>
CS U290 Logic and Computation	PSY U452 Introduction to Sensation & Perception
CS U370 Object-Oriented Design	PSY U458 Psychobiology
CS U390 Theory of Computation	
CS U520 Artificial Intelligence	<i>Choose one of the following laboratory courses (4 SH)</i>
CS U670 Software Development	PSY U610 Laboratory in Psycholinguistics
CS U600 Senior Seminar [1 SH]	PSY U612 Laboratory in Cognition
IS U570 Human Computer Interaction	PSY U622 Laboratory in Sensation & Perception
<i>Computer Science Electives (8 SH)</i>	<i>Choose one of the following seminar courses (4 SH)</i>
CS Elective 1	PSY U658 Seminar in Psycholinguistics
CS Elective 2	PSY U660 Seminar in Cognition
<i>CS elective: CS U380 or higher or IS U535</i>	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
	PSY U524 Cognitive Development
Mathematics (4 SH: 1 @ 4 SH)	PSY U526 Categorization and Reasoning
MTH U241 Calculus 1	PSY U652 Seminar in Ethics in Psychology
	<i>Or any of the following if not used above:</i>
General Requirements (4 SH: 1 @ 4 SH)	PSY U452, PSY U458
SOC U528 Computers and Society	PSY U610, PSY U612, PSY U622
	PSY U658, PSY U660, PSY U668
General Electives (32 SH: 8 @ 4 SH)	<i>Or, if you are an Honors student, the pair :</i>
Elective 1: Arts/Humanities Core	PSY U970 Junior/Senior Project 1
Elective 2	PSY U971 Junior/Senior Project 2
Elective 3	
Elective 4	
Elective 5	
Elective 6	
Elective 7	
Elective 8	
<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 CS U670 Software Development</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 U570 Human Computer Interaction</i>