

The Department of Computer Science and Department of Psychology are proposing a dual degree in Computer Information Systems (CIS) and Psychological Science (PSYC). Information on program integration points, course lists, and sample schedules shown in this spreadsheet. In addition, in collaboration both departments developed an advising strategy where students will be given both an advisor from Computer Science as well as an advisor from Psychology. Communication between both advisors and the students will be maintained throughout the program through meetings and shared advising sheets or degreeworks. Both departments will also aim to coordinate scheduling to avoid conflicts between core courses.

PSYS Courses	PSYS Hours	CIS Courses	CIS Hours	Dual Program	Dual Program Hours	Integration
		CS 100	2	CS 100	2	
Computer Science Requirement	2	CS 115	2	CS 115	2	
Free Elective	2	CS 116	2	CS 116	2	
Free Elective	3	CS 330	3	CS 330	3	
Free Elective	3	CS 331	3	CS 331	3	
Free Elective	3	CS 350	3	CS 350	3	
Free Elective	3	CS 351	3	CS 351	3	
Free Elective	15	Computer Science Technical Electives	15	Computer Science Technical Electives	15	
Free Elective	6	Computer Science Electives	6	Computer Science Electives	6	
Mathematics Requirement	3	MATH 151	5	MATH 151	5	
PSYC 203	4	Mathematics Elective	3	PSYC 203	4	
Natural Science and Engineering Requirements	10	Science Requirements	11	Natural Science and Engineering Requirements	11	
		Science Elective	3	Science Elective	3	
PSYC 221	3	PSYC 221	3	PSYC 221	3	a)
		PSYC 301	3	PSYC 301	3	a)
		Political Science Requirement	3	Political Science Requirement	3	
Humanities and Social Science Requirements	21	Humanities and Social Science Requirements	21	Humanities and Social Science Requirements	21	
I PRO	3	I PRO	3	I PRO	3	
I PRO	3	I PRO	3	I PRO	3	
LCHS100 or PSYC 100	2	Free Elective	3	LCHS100 or PSYC 100	2	
PSYC 204	4	Free Elective	3	PSYC 204	4	b)
PSYC 301 or PSYC 303	3	Free Elective	3	PSYC 303	3	
PSYC 310	3	Free Elective	3	PSYC 310	3	
PSYC 320 or PSYC 409	3	Free Elective	3	PSYC 320 or PSYC 409	3	c)
Upper-level psychology courses	3	Minor Elective	3	Upper-level psychology courses	3	
Upper-level psychology courses	3	Minor Elective	3	Upper-level psychology courses	3	
Upper-level psychology courses	3	Minor Elective	3	Upper-level psychology courses	3	
Upper-level psychology courses	3	Minor Elective	3	Upper-level psychology courses	3	
Psychology Elective	3	Minor Elective	3	Psychology Elective	3	
Psychology Elective	3			Psychology Elective	3	
Psychology Elective	3			Psychology Elective	3	
Psychology Elective	3			Psychology Elective	3	
Psychology Elective	3			Psychology Elective	3	
				Free Elective	3	
	126		127		143	16
				Suggested Computer Science Electives: CS 485		d)
				Suggested Computer Science Technical Electives: CS422, CS484		e)
				Suggested Upper-level psychology courses: PSYC423, PSYC426		f)

Integration Points

- a) There are several courses that already required by both degree demonstrating that this is a good fit for a dual degree
- b) The research methods covered in PSYC 204 will usually involve computation
- c) Applied Correlation, Regression, and Psychological testing covered in PSYC 320 and PSYC 409 use computational methods
- d) Societal issues of computation covered in CS485 have psychological components and for analyzing such issues students will benefit from a background in psychology
- e) Data science and machine learning covered in CS422 and CS484 have applications in psychological science
- f) Learning theory and cognitive science parallels in AI

BS CIS and BS PSYS			
YEAR 1			
SEMESTER 1	CREDIT HOURS	SEMESTER 2	CREDIT HOURS
CS 100	2	CS 116	2
CS 115	2	Science Elective w/ lab	4
MATH 151	5	PSYC 301	3
PSYC 221	3	Political Science Course ¹	3
LCHS 100 or PSYC 100	2	Social Sciences Elective	3
Humanities 200-level Course	3	Humanities Elective (300+)	3
	17		18
YEAR 2			
SEMESTER 1	CREDIT HOURS	SEMESTER 2	CREDIT HOURS
CS 330	3	CS 350	3
CS 331	3	Science Elective	3
Science Elective w/ lab	4	Computer Science Elective	3
PSYC 203	4	Computer Science Technical Elective ²	3
PSYC 310	3	PSYC 204	4
		Social Sciences Elective (300+)	3
	17		19
YEAR 3			
SEMESTER 1	CREDIT HOURS	SEMESTER 2	CREDIT HOURS
CS 351	3	PSYC 303	3
PSYC 320 or PSYC 409	3	I ^{PRO} Elective I	3
Upper-level psychology courses	3	Computer Science Technical Elective ²	3
Psychology Elective	3	Upper-level psychology courses	3
Science Elective	3	Psychology Elective	3
Humanities or Social Sciences Elective	3	Psychology Elective	3
	18		18
YEAR 4			
SEMESTER 1	CREDIT HOURS	SEMESTER 2	CREDIT HOURS
Upper-level psychology courses	3	Upper-level psychology courses	3
Psychology Elective	3	Psychology Elective	3
I ^{PRO} Elective I	3	Computer Science Technical Elective ²	3
Computer Science Elective	3	Free Elective	3
Computer Science Technical Elective ²	3	Humanities Elective (300+)	3
Computer Science Technical Elective ²	3	Social Sciences Elective (300+)	3
	18		18
Total Credit Hours: 142			
	1	Any 200-level political science course	
	2	Computer science technical electives are designated with a (T) in the course description	
		Suggested Upper-level psychology courses: PSYC423, PSYC426	
		Suggested Computer Science Electives: CS 485	
		Suggested Computer Science Technical Electives: CS422, CS484	