

Sample Four-Year Sequence for Computer and Systems Engineering / Psychology Dual Major

Freshman Year					
Fall Semester			Spring Semester		
CSCI-1100	Computer Science I	4	CSCI-1200	Data Structures	4
ENGR-1100	Intro. to Engineering Analysis	4	ENGR-1310	Intro. to Eng. Electronics	1
ENGR-1200	Eng. Graphics and CAD	1	MATH-1020	Calculus II	4
MATH-1010	Calculus I	4	MATH-2800	Intro to Discrete Structures	4
	Humanities Elective	4	PSYC-1200	General Psychology	4
Sophomore Year					
Fall Semester			Spring Semester		
CSCI-2300	Introduction to Algorithms	4	ECSE-2660	Comp. Arch, Networks, and Op. Sys.	4
ECSE-2610	Comp. Comp. and Op.	4	MATH-2400	Intro. to Diff. Eq.	4
ENGR-2350	Embedded Control	4	PHYS-1200	Physics II	4
PHYS-1100	Physics I	4	CHEM-1100	Chemistry I	4
PSYC-4310	Exp. Methods & Statistics	4	PSYC	Psychology Elective	4
Junior Year					
Fall Semester			Spring Semester		
ECSE-2010	Electric Circuits	4	ECSE-2410	Signals and Systems	4
ENGR-2050	Intro to Engineering Design	4		Software Engineering Elective ²	4
	Multidisciplinary Elective ²	4		Psychology Elective ¹	4
PSYC-4370 / PSYC-4410	Cognitive Psychology or Sensation and Perception	4		Psychology Elective ¹	4
BIOL-1010	Introduction to Biology				
Senior Year					
Fall Semester			Spring Semester		
ECSE-4500	Probability for Eng. Appl.	4		Professional Development III	1
	Professional Development II ²	2		Design Elective ²	3
	Concentration Elective ²	3		Restricted Elective ²	3
	Humanities Elective	4		Concentration Elective ²	3
	Psychology Elective ¹	4	PSYC-4990	Senior Thesis	4

¹Recommended Psychology Electives can be found on Cognitive Science department web pages

²Details on these electives can be found on the ECSE web pages