

Bachelor of Science, Cognitive Science

Four-Year Academic Plan (Catalog Year 2021-2022)

Freshmen Fall Semester	Completed	Freshmen Spring Semester	Completed	Sophomore Fall Semester	Completed	Sophomore Spring Semester	Completed
WRI 010: College Reading and Composition		ANTH 001* , ANTH 005* , BIO 001 , COGS 005* , ECON 001* , PHIL 001** , POLI 001 , PSY 001* or SOC 001*		ANTH 001* , ANTH 005* , BIO 001 , COGS 005* , ECON 001* , PHIL 001** , POLI 001 , PSY 001* or SOC 001*		BIO 018: Data Science, PSY 10: Analysis of Psychological Data [^] , or ECON 010: Statistical Inference [^]	
COGS 001: Introduction to Cognitive Science		CSE 015 [%] : Discrete Mathematics, PHIL 005: Introduction to Logic [^] , or MATH 012: Calculus II [^]		Lower Division Computing Course (<i>BIOE 021⁵ or CSE 019[%]</i>)		Upper Division Elective	
MATH 011: Calculus I [^]		Natural or Engineering Science GE <i>(Depending on Quantitative Reasoning and/or Computing requirement choice)</i>		Lower or Upper Division Elective		Lower Division Science , w/lab <i>(BIO 001/001L, CHEM 002[^], CHEM 008[^]/008L, PHYS 008[^], PHYS 009[^], PHYS 018[^], or PHYS 019[^])</i>	
SPRK 001: Spark Seminar		Lower or Upper Division Elective		Lower or Upper Division Elective			
Junior Fall Semester	Completed	Junior Spring Semester	Completed	Senior Fall Semester	Completed	Senior Spring Semester	Completed
PHIL 110: Philosophy of Cognitive Science [@] or COGS 101: Mind, Brain and Computation [#]		COGS 105: Research Methods for Cognitive Scientists		Upper Division COGS, PHIL, POLI, PSY, ARTS, MGMT, ECON, BIO or CSE Course		Upper Division COGS, BIO, CSE, or PHIL Course	
Upper Division Cognitive Science Course [%]		Upper Division Cognitive Science Course [@]		Upper Division Elective		Culminating Experience	
Upper Division Cognitive Science Course		Upper Division Elective		Upper Division Elective		Upper Division Elective	
Upper Division Elective		Upper Division Elective					

Notes:

- *Social Science GE
- **Arts & Humanities GE
- \$: Language GE
- +: Natural Science GE

- [^]: Quantitative GE
- [#]: Writing in the Discipline
- [@]: Crossroads Course
- [%]: Engineering Science GE

Key	
Upper Division Elective Course (100-199)	A course in any discipline numbered 100-199 that you meet the prerequisite for.
Elective Course (001-199)	A course in any discipline numbered from 001-199 that you meet the prerequisite for

A list of courses that meet GE can be found at: <https://catalog.ucmerced.edu/content.php?catoid=20&navoid=1856>

The four-year plans presented in this sample plan demonstrate the recommended sequencing and timing of the required and elective components within each major. In many cases, a student's academic background will require variations in the timing of the coursework listed in the plan. All students are expected to work with their academic advisor to find their best pathway through the degree requirements of their chosen program.

Additionally, this academic plan is an unofficial document intended to be used for advising / course planning only. This academic plan does not take into account any coursework completed outside of UC Merced by way of transferred credits from other institutions or credit awarded through test scores. This document cannot be used to supersede or waive requirements listed in the UC Merced catalog unless approved by your advisor or the faculty, and course availability is not guaranteed.