# COGNITIVE SCIENCE MAJOR REQUIREMENTS 2019-PRESENT CATALOG

## REQUIRED COURSES FOR THE COGNITIVE SCIENCE MAJOR

**FOUR Required Courses to complete BEFORE declaring the major:**

- **Calculus**
  - AMS 11A or MATH 11A or MATH 19A, or MATH 20A*
  - (AP Calculus AB score of 4+, AP Calculus BC score of 3+, or CLEP Calculus score of 60+)
- **Programming**
  - CSE 13E* or CSE 13S* or CSE 20
  - (formerly CMPE 13/L* or CMPS 5C or CMPS 5J or CMPS 5P or CMPS 12A)
- **PSYC 2**
  - Introduction to Psychology Statistics* (or STAT 5 or STAT 7/L*)
- **PSYC 20**
  - Introduction to Cognition

* These courses have pre-requisites.

Lower division requirements must be completed with the following provisos:
- GPA 2.80 or higher in lower division requirements
- Grade of C or higher in each course (only two attempts allowed)
- No course taken Pass/No Pass

**RECOMMENDED:** PSYC 10 and prerequisites for the interdisciplinary elective courses (see course listing)

## COGNITIVE SCIENCE MAJOR

- **PSYC 100**  
  Research Methods – *must be taken at UCSC*

### SIX Upper-Division Psychology Courses:

**Core Cognitive Science Courses** (choose 3 from the following 4 areas)
- Perception (PSYC 120 or 121)
- Behavioral Neuroscience (PSYC 123)
- Psychology of Language (PSYC 125)
- Learning & Memory (PSYC 129)

1. ___________________  
2. ___________________  
3. ___________________

**Three Additional Cognitive Psychology Upper Division Electives***

(PSYC 120-139, 104, 105, 116, 119E, 119F, 119P, 179F, 181, 194B, 195A, and/or 204-252 by petition)

4. ___________________  
5. ___________________  
6. ___________________

***One of the above classes must fulfill the comprehensive requirement:***

(PSYC 139 A-Z or one of the approved PSYC 119E, 119F, 119P or 179F)

### FOUR Interdisciplinary Electives:

- **Emphasized Group** (circle one): Evolution  AI/HCI  Linguistics  Philosophy
  - Three of these courses must be from the emphasized group.

1. ___________________  
2. ___________________  
3. ___________________

- The fourth course can be from any group

4. ___________________

**Note:** 8 upper division courses are required for the major. If you did not take 1 upper division interdisciplinary elective you will need to take an additional upper division Cognitive Psychology course. List below:

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