

Name: _____

ID#: _____

COGNITIVE SCIENCE MAJOR REQUIREMENTS 2019-PRESENT CATALOG

REQUIRED COURSES FOR THE COGNITIVE SCIENCE MAJOR

FOUR Required Courses to complete BEFORE declaring the major:

- Calculus 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:

INTERDISCIPLINARY ELECTIVES COURSE LIST

(updated with 2020 Catalog courses)

Note: These classes may have pre-requisites. Please review course descriptions in University Catalog.

Group 1: Evolution

ANTH 1
ANTH 100
ANTH 101
ANTH 104
ANTH 105
ANTH 106
ANTH 109
ANTH 112
ANTH 139
ANTH 173
ANTH 174
ANTH 184/L
ANTH 194B
ANTH 194H

BIOE 20C
BIOE 109
BIOE 124/L
BIOE 129/L
BIOE 140
BIOE 141L
BIOE 147
BIOE 172/L

BIOL 80E
BIOL 105
BIOL 120
BIOL 125

PHIL 127
PHIL 190

Group 2: Artificial Intelligence & Human- Computer Interaction

ARTG 80H

CMPM 25
CMPM 26
CMPM 35
CMPM 80A
CMPM 80K
CMPM 121
CMPM 131
CMPM 146
CMPM 148
CMPM 177
CMPM 178

CSE 107

ECE 8
ECE 9
ECE 167/L

MUSC 80L

Group 3: Linguistics

ANTH 139

LING 50
LING 53
LING 80C
LING 80D
LING 80K
LING 101
LING 102
LING 105
LING 111 (formerly LING 55)
LING 112 (formerly LING 52)
LING 113
LING 116
LING 117
LING 124
LING 125
LING 140
LING 151
LING 152
LING 155
LING 157
LING 158

Group 4: Philosophy

PHIL 9
PHIL 11
PHIL 23
PHIL 80S
PHIL 100B (formerly PHIL 93)
PHIL 100C (formerly PHIL94)
PHIL 121
PHIL 123
PHIL 125
PHIL 127
PHIL 133
PHIL 135
PHIL 190 (by petition)