COGNITIVE SCIENCE – DECLARATION OF MAJOR

Cognitive Science advisors are available to answer questions. To schedule an appointment as part of your process in researching the major, please visit www.cogsci.berkeley.edu/people-0

Once you're ready to declare the major, please check the boxes as you follow these steps:

- ☐ Visit the Cog Sci website to learn about the major
- ☐ Research the courses you would like to complete for the major, and check their prerequisites
- ☐ Fill in the Program Planning Form with specific courses remaining to complete the major
- ☐ Print a copy of your unofficial transcript* or Cal Central transcript for submission along with this declaration form

SID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

Name   **Phone**

Email Address   **Semester/Year of Graduation**
(Best estimate if you aren't sure)

Double Major/Simultaneous Degree
If you are submitting a double major form, please note the other major above.

Unofficial transcripts can be printed from your Cal Central "My Academics" page. If you have completed transfer work at another university of community college, please bring an unofficial transcript that shows this.

Advisor Notes:

_____
Advisor Approval Signature and Date
(Catherine Byrne or MacKenzie Moore)

PROGRAM PLANNING FORM

- Beginning with the CURRENT semester, please put down all courses required for graduation in your remaining semesters.
- **Please attach an unofficial transcript before submitting your declaration form.**

Fall _____	Units	Spring _____	Units	Summer _____	Units
Total		**Total**		**Total**	
Fall _____	Units	Spring _____	Units	Summer _____	Units
Total		**Total**		**Total**	
Fall _____	Units	Spring _____	Units	Summer _____	Units
Total		**Total**		**Total**	
Fall _____	Units	Spring _____	Units	Summer _____	Units
Total		**Total**		**Total**	

***Sample** 4-Year (8 semester) Program Plan. Courses in parentheses are recommended to prepare for required courses:*

Semester 1
Math 1A (pref'd) or 16A	3-4
(CS/Info/Stat C8)	4
(Cog Sci 88)	2

Semester 2
MCB 61 or 64	3
(Math 16B or 1B)	3-4

Semester 3
Cog Sci 1	4
CS61A or Engin 7	4

Semester 4
Cog Ling req.	3-4
Math 55 or CS 70	2

Semester 5
Cog Psych Req.	3-4
Philosophy Req.	4
UD Cog Sci elective	3-4

Semester 6
Education Abroad	

Semester 7
Comp Modeling req.	4
Cog Neuro req.	3-4
UD Cog Sci Elective	3-4

Semester 8
Society, Culture, Cog	3-4
UD Cog Sci Elective	3-4

*Students wishing more in-depth work in computer science should choose CS 61A, CS 61B and CS 70 in preparation for CS 188.
*Students not as interested in computer science should take CS 61A and Math 55 in preparation for Cog Sci 131.
*Courses in parentheses are recommended but not required by Cog Sci.

NAME:_____ID#:_____DATE:_____

> * **For students (freshmen and transfer) admitted to UCB Spring 2015 and earlier, an average GPA of 2.0 or higher in the three prerequisites is required for admission to the major. This is in addition to a 2.0 overall UCB GPA.**
> * **For students (freshmen and transfer) admitted to UCB Fall 2015 and later, a "C" grade or higher in each of the three prerequisite courses will be required for admission to the major. This is in addition to a 2.0 overall UCB GPA.**

MAJOR REQUIREMENTS

> ➤ Complete Prerequisite requirements.
> ➤ Complete lower division requirements & 6 upper division distribution groups.
> ➤ Complete a minimum of 3 elective courses for the major.
> ➤ Complete a total of 30 upper division units for the major.
> ➤ Minimum 2.0 GPA for major (average of all courses for major / average of all upper division courses for major).

Course Number & Title	Units	Grade	Term

COGNITIVE SCIENCE Prerequisites (prerequisites for declaring major – see highlighted note above)

MATH 1A – *Calculus* (Preferred) <u>OR</u>	4		
MATH 16A – *Analytic Geometry and Calculus OR*	3	————	—————————
High School AP Calculus (3 or higher on AB/BC)			
COMPSCI 61A – *Structure/Interpretation Comp Prog* <u>OR</u>	4		
ENGIN 7- *Intro to Comp Prog for Scientists/Engineers*	4	————	—————————

LOWER DIVISION Requirements (three courses) Can be taken after declaration

COG SCI 1- *Intro to Cognitive Science*	4	————	—————————
MATH 55 – *Discrete Mathematics* <u>OR</u>	4		
COMPSCI 70 – *Discrete Mathematics & Probability Theory*	4	————	—————————
MCELLBI C61 – *Brain, Mind, and Behavior* <u>OR</u>	3		
MCELLBI C64 – *Exploring the Brain: Intro to Neuroscience*	3	————	—————————

COGNITIVE NEUROSCIENCE Upper Division Requirement Group (choose one / circle course taken)

ANTHRO 107 – *Evolution of the Human Brain*	4		
COG SCI C127 / PSYCH C127 – *Cognitive Neuroscience*	3		
PSYCH 117 – *Human Neuropsychology*	3	————	—————————
PSYCH 133 – *Psychology of Sleep*	3		
PSYCH 114 – *Biology of Learning & Neural Plasticity*	3		

COGNITIVE PSYCHOLOGY Upper Division Requirement Group (choose one / circle course taken)

COG SCI C100 / PSYCH C120 – *Basic Issues in Cognition*	3		
COG SCI C126 / PSYCH C126 – *Perception*	3		
LINGUIS C146 / PSYCH C143 – *Language Acquisition*	3		
PSYCH 164 – *Social Cognition*	3	————	—————————
COG SCI C102 / PSYCH C129 – *(Accepted but no longer offered)*	3		
PSYCH 122 – *(Accepted but no longer offered)*	3		

COMPUTATIONAL MODELING Upper Division Requirement Group (choose one / circle course taken)

COG SCI 131 – *Computational Models of Cognition*	4		
COMPSCI 188 – *Intro to Artificial Intelligence*	4	————	—————————

LINGUISTICS Upper Division Requirement Group (choose one / circle course taken)

COG SCI C101 / LINGUIS C105 – *The Mind & Language*	4		
COG SCI C142 / LINGUIS C142 – *Language & Thought*	3		
COG SCI C147 / LINGUIS C147 – *Language Disorders*	3	————	—————————
LINGUIS 100 – *Introduction to Linguistic Science*	4		
LINGUIS 108 – *Introduction to Psycholinguistics*	3		

Course Number & Title	Units	Grade	Term

PHILOSOPHY Upper Division Requirement Group (choose one / circle course taken)

PHILOS 122 – *Theory of Knowledge*	4		
PHILOS 132 – *Philosophy of the Mind*	4		
PHILOS 133 – *Philosophy of Language*	4		
PHILOS 135 – *Theory of Meaning*	4		
PHILOS 136 – *Philosophy of Mind*	4	_____	_____
PHILOS 3 – *Nature of the Mind*	4		
PHILOS 12A – *Intro to Logic*	4		
PHILOS 25A – *Ancient Philosophy*	4		
PHILOS 25*B* – *Modern Philosophy*	4		

SOCIETY, CULTURE, & COGNITION Upper Division Requirement Group (choose one / circle course taken)

ANTHRO 166 – *Language, Culture, and Society*	4		
INFO 103 – *History of Information*	3		
COG SCI 104 / LINGUIS 104 – *The Mind, Language, & Politics*	4		
ECON 119 – *Psychology of Economics*	4		
EDUC 140AC (3 units) / W140A (4 units) – *Literacy…*	3 / 4		
LINGUIS 150 – *Sociolinguistics*	3	_____	_____
PSYCH 107 – *Buddhist Psychology*	3		
PSYCH 160 – *Social Psychology*	3		
PSYCH 164 – *Social Cognition*	3		
PSYCH 166AC – *Cultural Psychology*	3		
SOCIOL 150 – *Social Psychology*	4		

UPPER DIVISION ELECTIVES to reach 30 upper level credits (at least 3 additional courses from groups above or elective list below)

1)_____   _____   _____   _____
2)_____   _____   _____   _____
3)_____   _____   _____   _____
4) _____   _____   _____   _____

PLEASE SEE LIST OF ELECTIVES THAT CAN SATISFY COGSCI ELECTIVE REQURIEMENTS AT: www.cogsci.berkeley.edu

ADVISOR NOTES AND APPROVALS:

Double major in_____   Minor in_____

Upper division course(s) used for both majors: Upper division course used for minor: