

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, Berkeley
2022-2023 General Catalog, Semester

From: De Anza College
2022-2023 General Catalog, Quarter

Cognitive Science, Lower Division B.A.

COLLEGE OF LETTERS AND SCIENCE

COLLEGE ADMISSION REQUIREMENTS FOR TRANSFER STUDENTS THIS MAJOR IS OFFERED BY THE COLLEGE OF LETTERS AND SCIENCE (L&S).

By the end of the spring term preceding fall enrollment at Berkeley, you must complete:

- 1) The L&S Requirements in Reading & Composition, Quantitative Reasoning, and Foreign Language; **OR**
- 2) IGETC

Major Requirements:

Complete as many lower division major requirements as possible. See details on preparation for this major below.

Primary selection criteria for admission, in general:

- completion of L&S Requirements (or IGETC), plus
- strength of academic preparation, and
- grade point average.

For more information on admission to UC Berkeley:

<http://admissions.berkeley.edu>

For more information on majors at UC Berkeley:

Berkeley Academic Guide: <http://guide.berkeley.edu>

REQUIREMENTS

Fall 2023 Admission For this Major:

Transfer students who select this major on their College of Letters and Science (L&S) application and are offered admission to L&S will be directly admitted into this major.

If you are interested in this major, it is very important to select this major on your application, and complete as many lower-division major requirements as possible prior to transfer. See details on preparation for this major below.

Major Prerequisites:

MATH 1A, 10A or 16A, COMPSCI 61A, COMPSCI C88C/DATA C88C or ENGIN 7, and COMPSCI/INFO/STAT C8, STAT 2, or STAT 20. Transfer students should aim to declare the Cognitive Science major before the end of the second semester on campus.

A score of 3 or above on the AP Calculus AB or the AP Calculus BC exam satisfies the requirement for MATH 1A or MATH 16A for Cognitive Science.

A "C" or better is required in MATH 1A, MATH 10A, MATH 16A, COMPSCI 61A, ENGIN 7, DATA C88C/COMPSCI C88C, COMPSCI/INFO/STAT C8, STAT 2, STAT 20.

Major Requirements:

In lieu of MATH 55, this requirement can be satisfied by completing COMPSCI 70 Discrete Mathematics and Probability Theory at Berkeley.

Students have the option to fulfill the Philosophy requirement by taking one of the listed lower division classes (PHIL 3, 12A, 25A, 25B or AGRS 36).

For more information:

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PREREQUISITES FOR THE MAJOR

MATH 1A - Calculus (4.00)	←	MATH 1A - Calculus (5.00) <div>--- And ---</div> MATH 1B - Calculus (5.00) <ul style="list-style-type: none"> <i>Regular and honors courses may be combined to complete this series</i> <div>--- Or ---</div> MATH 1AH - Calculus - HONORS (5.00) <div>--- And ---</div> MATH 1BH - Calculus - HONORS (5.00) <ul style="list-style-type: none"> <i>Regular and honors courses may be combined to complete this series</i>
--- Or ---		
MATH 10A - Methods of Mathematics: Calculus, Statistics, and Combinatorics (4.00)	←	No Course Articulated
--- Or ---		
MATH 16A - Analytic Geometry and Calculus (3.00)	←	MATH 1A - Calculus (5.00) <div>--- Or ---</div> MATH 1AH - Calculus - HONORS (5.00)

COMPSCI 61A - The Structure and Interpretation of Computer Programs (4.00)	←	No Course Articulated
ENGIN 7 - Introduction to Computer Programming for Scientists and Engineers (MATLAB) (4.00)	←	No Course Articulated
--- Or ---		
COMPSCI C88C - Computational Structures in Data Science (3.00) Same-As: DATA C88C <ul style="list-style-type: none"> <i>Course(s) must be taken at university</i> 	←	This course must be taken at the university after transfer
COMPSCI C8 - Foundations of Data Science (4.00) Same-As: STAT C8, INFO C8, DATA C8	←	No Course Articulated
STAT 2 - Introduction to Statistics (4.00)	←	MATH 10 - Introductory Statistics (5.00) <div>--- Or ---</div> MATH 10H - Introductory Statistics - HONORS (5.00) <div>--- Or ---</div> MATH 17 - Integrated Statistics 2 (5.00)
--- Or ---		
STAT 20 - Introduction to Probability and Statistics (4.00)	←	No Course Articulated

MAJOR REQUIREMENTS

COG SCI 1 - Introduction to Cognitive Science (4.00)	←	No Course Articulated
--- Or ---		
COG SCI 1B - Introduction to Cognitive Science (3.00)	←	No Course Articulated
--- Or ---		
COG SCI N1 - Introduction to Cognitive Science (3.00)	←	No Course Articulated
PSYCH C61 - Brain, Mind, and Behavior (3.00) Same-As: MCELLBI C61	←	PSYC 24 - Introduction to Psychobiology (4.00)
MATH 55 - Discrete Mathematics (4.00)	←	MATH 22 - Discrete Mathematics (5.00) <div>--- Or ---</div> MATH 22H - Discrete Mathematics - HONORS (5.00)

Select 1 Course(s) from the following		
PHILOS 3 - The Nature of Mind (4.00)	←	No Course Articulated
PHILOS 12A - Introduction to Logic (4.00)	←	No Course Articulated

PHILOS 25A - Ancient Philosophy (4.00)	←	No Course Articulated
PHILOS 25B - Modern Philosophy (4.00)	←	PHIL 20B - History of Western Philosophy: 1400 - 1800 (4.00)
AGRS 36 - Greek Philosophy (4.00)	←	No Course Articulated

END OF AGREEMENT