



i ASSIST does not take the place of a counselor on your campus. It is intended to help students and counselors work together to establish an appropriate path toward transferring from a public California community college to a California university.

Major Articulation Agreement

Computer Science, B.A.

Effective during the **2024-2025** academic year

To: University of California, Berkeley
2024-2025 General Catalog, Semester



From: Evergreen Valley College
2024-2025 General Catalog, Semester

COLLEGE OF COMPUTING, DATA SCIENCE, AND SOCIETY

COLLEGE ADMISSION REQUIREMENTS FOR TRANSFER STUDENTS

THIS MAJOR IS OFFERED BY THE COLLEGE OF COMPUTING, DATA SCIENCE, AND SOCIETY (CDSS)

Completion of Cal-GETC/ UC IGEC is not a requirement for admission; however, completion of either is **strongly recommended** prior to enrollment at UC Berkeley to ensure timely degree progress.

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

1. [The 7-course pattern](#) (as found in the UC Transfer Admission Eligibility Courses Menu in ASSIST):
 - Two transferable courses in English composition;
 - One transferable course in mathematical concepts and quantitative reasoning;
 - Four transferable college courses chosen from at least two of the following subject areas:
 - arts and humanities
 - social and behavioral sciences
 - physical and biological sciences

AND

2) Major Requirements

All required courses as noted by your intended major below.

Only applicants who have completed 100% of items 1 and 2 above will be considered for admission. Additional completion of highly recommended courses will serve to strengthen the application.

For more information on admission to UC Berkeley:

<https://admissions.berkeley.edu>

For specific information on transfer admission to UC Berkeley:

<https://admissions.berkeley.edu/apply-to-berkeley/transfer-students/transfer-requirements/>

For more information on majors at UC Berkeley:

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

PROGRAM

Admission to the Computer Science major in the **College of Computing, Data Science, and Society (CDSS)** at UC Berkeley is highly competitive. It is important that applicants choose a major carefully, as junior transfers will not be allowed to change their major to Computer Science after the application deadline.

At Berkeley, we construe computer science broadly to include the theory of computation, the design and analysis of algorithms, the architecture and logic design of computers, programming languages, compilers, operating systems, scientific computation, computer graphics, databases, artificial intelligence and natural language processing. Our goal is to prepare students both for a possible research career and long-term technical leadership in industry. We must therefore look beyond today's technology and give students the big ideas and the learning skills that will prepare them to teach themselves about tomorrow's technology.

Visit the following websites for more information:

<https://eecs.berkeley.edu/resources/undergrads/cs>

<https://eecs.berkeley.edu/resources/undergrads/cs/transfer-prereqs/faq-4/>

General contact information:

349 Soda Hall, UC Berkeley

cs-advising@cs.berkeley.edu

(510) 664-4436

IMPORTANT MAJOR INFORMATION

Required Courses for Admission

- MATH 1A, MATH 1B
- MATH 54 or EECS 16A or MATH 56
- Computer Science does not require full equivalence to Math 54 and will accept just the Linear Algebra course of an articulated Math 54-equivalent series.

Highly Recommended Courses for Admission

- COMPSCI 61A, COMPSCI 61B, COMPSCI 61C
- Data structures--even if not officially comparable to Berkeley's COMPSCI 61B; and
- Java (preferred) or C++
- COMPSCI 70 - COMPSCI 70 is offered during the Berkeley Summer session or Concurrent Enrollment.
- The entire Computer Science 61 series is also offered during the Berkeley Summer session. The department recommends that, when possible, students take one of these courses during the summer session prior to transfer.

EXAM CREDIT

Acceptable exam credit:

- [MATH 1A](#) (Calculus I) can be satisfied with at least a "3" on the AP AB or BC Calculus exam, at least a "5" on the IB Math Higher Level, or at least a "B" on A-Level Math
- [MATH 1B](#) (Calculus II) can be satisfied with a "5" on the AP BC Calculus exam or at least a "B" on A-Level Further Math

REQUIRED FOR ADMISSION

1 Complete **A** and **B**

A

MATH 1A	Calculus	4.00	MATH 071	Calculus I with Analytic Geometry	5.00
			← OR		
			MATH 066	Calculus I Late Transcendentals for STEM	4.00
MATH 1B	Calculus	4.00	MATH 072	Calculus II with Analytic Geometry	5.00
			← OR		
			MATH 067	Calculus II Late Transcendentals for STEM	4.00

Complete 1 course from the following.

B

MATH 54 Linear Algebra and Differential Equations 4.00	<div> <div> MATH 078 Differential Equations 4.00 </div> <div> AND </div> <div> MATH 079 Linear Algebra 3.00 </div> </div>
EECS 16A Designing Information Devices and Systems I 4.00	No Course Articulated
MATH 56 Linear Algebra 4.00	No Course Articulated

HIGHLY RECOMMENDED

2 Complete A

A

COMPSCI 61A The Structure and Interpretation of Computer Programs 4.00	COMSC 078 Structure and Interpretation of Computer Programs 4.00
COMPSCI 61B Data Structures 4.00	COMSC 076 Computer Science II: Introduction to Data Structures 3.00
COMPSCI 61C Machine Structures 4.00	No Course Articulated
COMPSCI 70 Discrete Mathematics and Probability Theory 4.00 L Course(s) must be taken at university	This course must be taken at the university after transfer

END OF AGREEMENT