Articulation Agre

Effective during the 202

To: University of California, Irvine
2022-2023 General Catalog, Quarter

Computer S

GENERAL IN

Admission to the Donald Bren School of Information and Computer Scienc of the required preparatory courses and academic performance. *This major*

Required for admission:

Students must have a cumulative GPA of 3.0 and grade of B or higher i

- **One year of computer programming courses* in a single object-l language courses that do not directly articulate to I&C SCI 31-33 computer science courses do not meet this requirement.**
- Two semesters/two quarters of approved first-year Calculus
- One additional approved transferable course for the major (an approve

Additional Approved Courses:

- One course in advanced data structures
- One course in machine organization and assembly language (both topi
- One course in software engineering
- One course in discrete mathematics
- One course in Boolean algebra
- One course in linear algebra

***NOTE**: Additional computer science courses beyond the two required are interest. Our first year of object-oriented programming is taught in Python students should plan to learn it by studying on their own or by completing

Additional courses beyond those required for admission must be taken to upper-division courses. For some transfer students, this may mean that it w

Students should have I&C SCI 31-33 credit first in order to move further in

In fulfillment of the requirements below, a single course may be used only

For information regarding the AP and IB examination credit policies refer to

MAJOR PREPARATION COURS

I&C SCI 31 - Introduction to Programming (4.00)
--- And ---
I&C SCI 32 - Programming with Software Libraries (4.00)
--- And ---
I&C SCI 33 - Intermediate Programming (4.00)

- *Please refer to additional important General Information section above*

MATH 2A - Single-Variable Calculus (4.00)

MATH 2B - Single-Variable Calculus (4.00)

One additional approved transferable course for the major (an approved Math, Science, or CSE course):

- *Please refer to additional important General Information section above*

ONE ADDITIONAL APPROVED TRANSFERABLE C

**REFER TO TOP

MATH 3A - Introduction to Linear Algebra (4.00)

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eement by Major

22-2023 Academic Year

From: Los Angeles City College
2022-2023 General Catalog, Semester

Science, B.S.

FORMATION

e is highly competitive. The most important selection criteria are completion
does not participate in the TAG program.

n all required courses below:

language (Python, Java, or C++). Object-oriented programming can be used to satisfy the admissions requirements. Introduction to

ed math or CS course - see below)

cs must be covered)

strongly recommended, particularly those that align with the major of . C++ and Java are used extensively in the curriculum; therefore, transfer related programming courses prior to their first quarter at UCI.

fulfill the lower-division degree requirements, as many are prerequisites for will take longer than two years to complete their degree.

nto the program here at UCI.

once.

o the UCI General Catalogue.

SES REQUIRED FOR TRANSFER

CS 113 - Programming in JAVA (3.00)

--- And ---

CS 213 - Advanced Programming in JAVA (3.00)

MATH 261 - Calculus I (5.00)

MATH 262 - Calculus II (5.00)

No Course Articulated

OURSE FOR THE MAJOR (MATH OR CS COURSE)

OF AGREEMENT**

MATH 270 - Linear Algebra (3.00)

Or ---

I&C SCI 6N - Computational Linear Algebra (4.00)

I&C SCI 6B - Boolean Logic and Discrete Structures (4.00)

I&C SCI 6D - Discrete Mathematics for Computer Science (4.00)

I&C SCI 45C - Programming in C/C++ as a Second Language (4.00)

I&C SCI 46 - Data Structure Implementation and Analysis (4.00)

I&C SCI 51 - Introductory Computer Organization (6.00)

I&C SCI 53 - Principles in System Design (4.00)

IN4MATX 43 - Introduction to Software Engineering (4.00)

STATS 67 - Introduction to Probability and Statistics for Computer Science (4.00)

Two courses approved for General Education Category II except those related to computing/engineering, economics, or mathematics

END OF AG

—	No Course Articulated

—	No Course Articulated
—	**MATH 272** - Methods of Discrete Mathematics (5.00)
—	No Course Articulated
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