

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: California State University, Channel Islands
2022-2023 General Catalog, Semester

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

Computer Science, B.S.

GENERAL INFORMATION

- Special Grade Requirement:** A grade of "C-" or better is required in all prerequisite courses in the Computer Science Major.

LOWER DIVISION REQUIREMENTS

Please refer to additional important General Information section above

COMP 150 - Object-oriented Programming (4.00)	←	CS 213 - Advanced Programming in JAVA (3.00) --- Or --- CS 216 - Object Oriented Programming in C++ (3.00)
COMP 151 - Data Structures and Program Design (4.00)	←	No Comparable Course
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CS 130 - Introduction to Computer Architecture and Organization (3.00)
COMP 232 - Programming Languages (3.00)	←	No Comparable Course
COMP 262 - Computer Organization and Architecture (3.00)	←	No Comparable Course

MATH 150 - Calculus I (4.00)	←	MATH 247 - Calculus for Life Sciences I (4.00) --- Or --- MATH 261 - Calculus I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 248 - Calculus for Life Sciences II (4.00) --- Or --- MATH 262 - Calculus II (5.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 270 - Linear Algebra (3.00)
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SCIENCE

Select 1 Sequence(s) from the following

Please refer to additional important General Information section above

PHYS 200 - General Physics I (4.00)	←	PHYSICS 037 - Physics for Engineers and Scientists I (5.00) --- Or --- PHYSICS 066 - Physics With Calculus For Life Science Majors I (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYSICS 038 - Physics for Engineers and Scientists II (5.00) --- Or --- PHYSICS 067 - Physics With Calculus For Life Science Majors II (5.00)

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CSU GE Area: B2 - Life Science <ul style="list-style-type: none"> Maximum credit, one course 	←	ANTHRO 101 - Human Biological Evolution (3.00) PSYCH 002 - Biological Psychology (3.00) BIOLOGY 040 - The Science of Biotechnology (3.00) ANTHRO 116 - Primate Lives: Behavior, Evolution, and Culture (3.00) BIOLOGY 022 - Marine Biology (4.00) BIOLOGY 007 - General Biology II (5.00) BIOLOGY 010 - Natural History I (4.00) MICRO 020 - General Microbiology (4.00) ANATOMY 001 - Introduction to Human Anatomy (4.00) BIOLOGY 006 - General Biology I (5.00) PHYSIOL 001 - Introduction to Human Physiology (4.00) BIOLOGY 003 - Introduction to Biology (4.00) BIOLOGY 005 - Introduction to Human Biology (4.00)
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PHYS 200 - General Physics I (4.00)	←	PHYSICS 037 - Physics for Engineers and Scientists I (5.00)
		--- Or ---
		PHYSICS 066 - Physics With Calculus For Life Science Majors I (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	BIOLOGY 007 - General Biology II (5.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	PSYCH 002 - Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)	←	No Course Articulated
<ul style="list-style-type: none"> Content credit only Lower division credit only 		

END OF AGREEMENT