

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Berkeley City 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)	←	CIS 25 - Object Orientated Programming Using C++ (4.00)
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		CIS 36A - Java Programming Language I (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CIS 27 - Data Structure and Algorithms (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CIS 20 - Microcomputer Assembly Language (4.00)
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 3A - Calculus I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 3B - Calculus II (5.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 3E - 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)	←	PHYS 4A - General Physics with Calculus (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 4B - General Physics with Calculus (5.00)

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CSU GE Area: B2 - Life Science	←	BIOL 25 - Human Biology (3.00)
• Maximum credit, one course		BIOL 13 - Principles of Ecology (3.00)
		ANTHR 1 - Introduction to Physical Anthropology (3.00)
		BIOL 50C - Stem Cell Biology and Advanced Molecular Techniques (3.00)
		BIOL 50B - Protein Chemistry and Fermentation (3.00)
		BIOL 50A - Introductory Biotechnology with Laboratory (4.00)
		BIOL 10 - Introduction to Biology (4.00)
		BIOL 1B - General Biology (5.00)
		BIOL 3 - Microbiology (5.00)
		BIOL 34 - Genetics (3.00)
		BIOL 1A - General Biology (5.00)
		BIOL 33 - Immunology (4.00)
		BIOL 4 - Human Physiology (5.00)
		PSYCH 61 - Introduction to Biological Psychology (3.00)

--- Or ---		
PHYS 200 - General Physics I (4.00)	←	PHYS 4A - General Physics with Calculus (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	No Course Articulated
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	PSYCH 61 - Introduction to Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)



No Comparable Course

- *Content credit only*
- *Lower division credit only*

END OF AGREEMENT