

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Ohlone College
2022-2023 General Catalog, Semester

Computer Science, B.S.

GENERAL INFORMATION

1. **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 116 - Object-Oriented Programming Using C++ (4.00)
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		CS 170 - Intermediate Java Programming (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	No Comparable Course
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CS 118 - Introduction to Assembly Language Programming (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 101A - Calculus with Analytic Geometry (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 101B - Calculus with Analytic Geometry (5.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 103 - Introduction to 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 140 - Mechanics (4.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 141 - Electricity and Magnetism (4.00)

--- And ---		
CSU GE Area: B2 - Life Science	←	ANTH 101 - Biological Anthropology (4.00)
• <i>Maximum credit, one course</i>		BIOL 109 - Biology of Sexual Reproduction (3.00)
		ENVS 108 - Introduction to the Environment (3.00)
		BIOT 100 - Biotechnology and Society (3.00)
		BIOL 141 - Marine Biology (3.00)
		BIOL 114 - Introduction to Plant Biology (3.00)
		Same-As: BIOT 114
		BIOL 130 - Essential Biology (4.00)
		BIOL 103B - Human Anatomy and Physiology (4.00)
		BIOL 103A - Human Anatomy and Physiology (4.00)
		BIOL 104 - Basic Human Anatomy and Physiology (4.00)
		BIOL 142 - Environmental Biology (4.00)
		Same-As: ENVS 142
		BIOL 101B - Principles of Biology - Organisms and Systems (5.00)
		BIOL 101A - Principles of Biology - Molecular and Cellular (5.00)
		BIOL 106 - Microbiology (5.00)
		BIOL 105 - Heredity, Evolution, and Society (3.00)
		BIOL 102 - Introduction to Biology for Health Sciences (4.00)
		BIOL 110 - Biology of Human Cancer (3.00)

--- Or ---		
PHYS 200 - General Physics I (4.00)	←	PHYS 140 - Mechanics (4.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	BIOL 101B - Principles of Biology - Organisms and Systems (5.00)

BIOL 212 - Neurobiology and Cognitive Science (3.00)
Same-As: PSY 212



PSY 120 - Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CS 113 - Discrete Structures (3.00)

- *Course is an approved substitute for Computer Science majors only*
- *Course is an approved substitute for Information Technology majors only*

END OF AGREEMENT