

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: College of Alameda  
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

<b>COMP 150</b> - Object-oriented Programming (4.00)	←	<b>CIS 25</b> - Object-Oriented Programming Using C++ (4.00)
<b>COMP 151</b> - Data Structures and Program Design (4.00)	←	No Comparable Course
<b>COMP 162</b> - Computer Architecture and Assembly Language (3.00)	←	No Comparable Course
<b>COMP 232</b> - Programming Languages (3.00)	←	No Comparable Course
<b>COMP 262</b> - Computer Organization and Architecture (3.00)	←	No Comparable Course

<b>MATH 150</b> - Calculus I (4.00)	←	<b>MATH 3A</b> - Calculus I (5.00)
<b>MATH 151</b> - Calculus II (4.00)	←	<b>MATH 3B</b> - Calculus II (5.00)

<b>MATH 240</b> - Linear Algebra (3.00)	←	<b>MATH 3E</b> - 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

<b>PHYS 200</b> - General Physics I (4.00)	←	<b>PHYS 4A</b> - General Physics with Calculus (5.00)
<b>PHYS 201</b> - General Physics II (4.00)	←	<b>PHYS 4B</b> - General Physics with Calculus (5.00)

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<b>CSU GE Area: B2</b> - Life Science <ul style="list-style-type: none"><li>Maximum credit, one course</li></ul>	←	<b>ANTHR 1</b> - Introduction to Physical Anthropology (3.00) <b>BIOL 24</b> - Basic Human Anatomy and Physiology (4.00) <b>BIOL 1B</b> - General Biology (5.00) <b>BIOL 2</b> - Human Anatomy (5.00) <b>BIOL 1A</b> - General Biology (5.00) <b>BIOL 10</b> - Introduction to Biology (4.00) <b>BIOL 4</b> - Human Physiology (5.00) <b>ANTHR 21</b> - Introduction to Forensic Anthropology (3.00) <b>BIOL 102</b> - Fundamentals of Oceanography (4.00) <b>BIOL 3</b> - Microbiology (5.00)
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<b>PHYS 200</b> - General Physics I (4.00)	←	<b>PHYS 4A</b> - General Physics with Calculus (5.00)
<b>BIOL 200</b> - Principles of Organismal and Population Biology (4.00)	←	<b>BIOL 1B</b> - General Biology (5.00)
<b>BIOL 212</b> - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	No Comparable Course

### UPPER DIVISION REQUIREMENTS

<b>MATH 300</b> - Discrete Mathematics (3.00) <ul style="list-style-type: none"><li>Content credit only</li><li>Lower division credit only</li></ul>	←	No Course Articulated
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**END OF AGREEMENT**