

# 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 the Redwoods  
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 18</b> - Object Oriented Programming - Java (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 50A</b> - Differential Calculus (4.00)
<b>MATH 151</b> - Calculus II (4.00)	←	<b>MATH 50B</b> - Integral Calculus (4.00)

<b>MATH 240</b> - Linear Algebra (3.00)	←	<b>MATH 45</b> - Linear Algebra (4.00)
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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> - Calculus-Based Physics: Mechanics (4.00)
<b>PHYS 201</b> - General Physics II (4.00)	←	<b>PHYS 4B</b> - Calculus-Based Physics: Electricity and Magnetism (4.00)

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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>BIOL 1</b> - General Biology (4.00) <b>BIOL 8</b> - Human Biology (4.00) <b>ENVSC 10</b> - Introduction to Environmental Science (4.00) <b>ANTH 1</b> - Introduction to Biological Anthropology (3.00) <b>BIOL 15</b> - Marine Biology (4.00) <b>BIOL 20</b> - Natural History of California (4.00) <b>ANTH 6</b> - Introduction to Forensic Anthropology (3.00) <b>AG 5</b> - Introduction to Animal Science (3.00) <b>BIOL 5</b> - General Botany with Lab (4.00) <b>BIOL 3</b> - Fundamental Cell Biology (4.00) <b>ENVSC 10H</b> - Introduction to Environmental Science - Honors (4.00) <b>AG 23</b> - Introduction to Plant Science (3.00) <b>BIOL 11</b> - Symbiosis (3.00)
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<b>PHYS 200</b> - General Physics I (4.00)	←	<b>PHYS 4A</b> - Calculus-Based Physics: Mechanics (4.00)
<b>BIOL 200</b> - Principles of Organismal and Population Biology (4.00)	←	<b>BIOL 4</b> - General Zoology (4.00) --- And --- <b>BIOL 5</b> - General Botany with Lab (4.00)
<b>BIOL 212</b> - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	<b>PSYCH 20</b> - Biological Psychology (3.00)

### UPPER DIVISION REQUIREMENTS

**MATH 300** - Discrete Mathematics (3.00)



No Course Articulated

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

**END OF AGREEMENT**