

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Merritt 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

<b>COMP 150</b> - Object-oriented Programming (4.00)	←	No Comparable Course
<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)	←	<b>CIS 78</b> - Digital Architectures for Computation (4.00)
<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 - Life Science</b> <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 9</b> - Marine Biology (4.00) <b>BIOL 36</b> - Human Genetics (4.00) <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 20B</b> - Human Anatomy and Physiology (5.00) <b>BIOL 5</b> - Botany (4.00) <b>BIOL 29</b> - Introduction to Biodiversity (4.00) <b>BIOL 10</b> - Introduction to Biology (4.00) <b>BIOL 4</b> - Human Physiology (5.00) <b>BIOL 1A</b> - General Biology (5.00) <b>BIOL 20A</b> - Human Anatomy and Physiology (5.00) <b>BIOL 3</b> - Microbiology (5.00) <b>BIOL 25</b> - Human Biology (3.00) <b>BIOL 15</b> - Environmental Biology (3.00) <b>BIOL 23</b> - Introduction to the Human Body (3.00) <b>BIOL 42</b> - Basic Pathophysiology (3.00) <b>BIOSC 53</b> - Genetics of Neuroscience (4.00)
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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)	←	No Course Articulated
<b>BIOL 212</b> - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	No Comparable Course

## UPPER DIVISION REQUIREMENTS

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

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



### **CIS 11** - Discrete Structures and Logic (4.00)

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

**END OF AGREEMENT**