

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Yuba 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)	←	<b>COMSC 9A</b> - C++ Programming (4.00)
<b>COMP 151</b> - Data Structures and Program Design (4.00)	←	<b>COMSC 9B</b> - Data Structures (4.00)
<b>COMP 162</b> - Computer Architecture and Assembly Language (3.00)	←	<b>COMSC 2</b> - Computer Assembly Language (3.00)
<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 1A</b> - Single Variable Calculus I - Early Transcendentals (4.00)
<b>MATH 151</b> - Calculus II (4.00)	←	<b>MATH 1B</b> - Single Variable Calculus II - Early Transcendentals (4.00)

<b>MATH 240</b> - Linear Algebra (3.00)	←	<b>MATH 3</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> - Mechanics (4.00)
<b>PHYS 201</b> - General Physics II (4.00)	←	<b>PHYS 4B</b> - Electromagnetism (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 25</b> - Human Genetics (3.00) <b>BIOL 10</b> - General Biology (3.00) <b>PLSCI 22</b> - Introduction to Soils (3.00) <b>PLSCI 20</b> - Principles of Plant Science (3.00) <b>AG 45</b> - Principles of Animal Science (3.00) <b>ECOL 12</b> - Marine Ecology (3.00) <b>BIOL 6</b> - Introductory Microbiology (4.00) <b>BIOL 2</b> - General Zoology (4.00) <b>BIOL 5</b> - Human Physiology (4.00) <b>BIOL 10L</b> - General Biology (4.00) <b>BIOL 4</b> - Human Anatomy (4.00) <b>BIOL 24L</b> - Human Biology w/Lab (4.00) <b>BIOL 1</b> - Principles of Biology (5.00) <b>ECOL 10</b> - Environment-Concepts and Issues (3.00) <b>ANTHR 1</b> - Introduction to Physical Anthropology (3.00) <b>BIOL 24</b> - Human Biology (3.00) <b>BIOL 15</b> - Bioscience (4.00) <b>BIOL 3</b> - General Botany (4.00) <b>BIOL 30</b> - Emerging Infections and the History of Infectious Disease (3.00)
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<b>PHYS 200</b> - General Physics I (4.00)	←	<b>PHYS 4A</b> - Mechanics (4.00)
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**BIOL 200** - Principles of Organismal and Population Biology (4.00)



**BIOL 2** - General Zoology (4.00)

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**BIOL 3** - General Botany (4.00)

**BIOL 212** - 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*



**COMSC 15** - Discrete Structures for Computer Science (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**