

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Santiago Canyon 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

<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>CMPR 129</b> - Introduction to Computer Organization (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 180</b> - Single Variable Calculus I (4.00) --- Or --- <b>MATH 180H</b> - Honors Single Variable Calculus I (4.00)
<b>MATH 151</b> - Calculus II (4.00)	←	<b>MATH 185</b> - Single Variable Calculus II (4.00)

<b>MATH 240</b> - Linear Algebra (3.00)	←	<b>MATH 290</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 250A</b> - Physics for Scientists and Engineering I (5.00)
<b>PHYS 201</b> - General Physics II (4.00)	←	<b>PHYS 250B</b> - Physics for Scientists and Engineering II (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>PSYC 200</b> - Introduction to Biological Psychology (3.00) <b>BIOL 109</b> - Fundamentals of Biology (3.00) <b>ANTH 101</b> - Introduction to Physical Anthropology (3.00) <b>BIOL 109H</b> - Honors Fundamentals of Biology (3.00) <b>BIOL 190</b> - Introduction to Biotechnology (3.00) <b>BIOL 139</b> - Health Microbiology (4.00) <b>BIOL 229</b> - General Microbiology (5.00) <b>BIOL 259</b> - Environmental Biology (4.00) <b>BIOL 211</b> - Cellular and Molecular Biology (5.00) <b>BIOL 290</b> - Biochemistry and Molecular Biology (5.00) <b>BIOL 149</b> - Human Anatomy & Physiology (4.00) <b>BIOL 221</b> - Animal Diversity and Evolution (5.00) <b>BIOL 231</b> - Plant Diversity and Ecology (5.00) <b>BIOL 239</b> - General Human Anatomy (4.00) <b>BIOL 115</b> - Concepts in Biology for Educators (4.00)
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<b>PHYS 200</b> - General Physics I (4.00)	←	<b>PHYS 250A</b> - Physics for Scientists and Engineering I (5.00)
<b>BIOL 200</b> - Principles of Organismal and Population Biology (4.00)	←	<b>BIOL 221</b> - Animal Diversity and Evolution (5.00) --- And --- <b>BIOL 231</b> - Plant Diversity and Ecology (5.00)

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



**PSYC 200** - Introduction to Biological Psychology (3.00)

#### UPPER DIVISION REQUIREMENTS

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

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



**CMPR 149** - 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**