

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: West Valley 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>CIST 004A</b> - Computer Programming I (C++) (4.00) --- Or --- <b>CIST 004A1</b> - Computer Programming I (JAVA) (4.00)
<b>COMP 151</b> - Data Structures and Program Design (4.00)	←	<b>CIST 004B</b> - Computer Programming II (C++) (4.00) --- Or --- <b>CIST 004B1</b> - Computer Programming II (JAVA) (4.00)
<b>COMP 162</b> - Computer Architecture and Assembly Language (3.00)	←	No Course Articulated
<b>COMP 232</b> - Programming Languages (3.00)	←	No Course Articulated
<b>COMP 262</b> - Computer Organization and Architecture (3.00)	←	No Course Articulated

  

<b>MATH 150</b> - Calculus I (4.00)	←	<b>MATH 003A</b> - Calculus and Analytic Geometry (5.00) --- Or --- <b>MATH 003AH</b> - Honors Calculus & Analytical Geometry (5.00)
<b>MATH 151</b> - Calculus II (4.00)	←	<b>MATH 003B</b> - Calculus and Analytic Geometry (5.00) --- Or --- <b>MATH 003BH</b> - Honors Calculus & Analytical Geometry (5.00)

  

<b>MATH 240</b> - Linear Algebra (3.00)	←	<b>MATH 004C</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 004A</b> - Engineering Physics - Mechanics (5.00)
<b>PHYS 201</b> - General Physics II (4.00)	←	<b>PHYS 004B</b> - Engineering Physics - Electricity and Magnetism (5.00)

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**CSU GE Area: B2 - Life Science**

- *Maximum credit, one course*



**BIOL 013** - Natural History of California (3.00)  
**BIOL 24** - BIO in the News (3.00)  
**BIOL 014** - California Plants and Animals (4.00)  
**BIOL 012** - Introduction to Ecology and Wildlife (4.00)  
**BIOL 056** - Ecology of the Sierra Nevada (3.00)  
**BIOL 037** - Evolution - Life on Earth (3.00)  
**BIOL 036** - Animal Behavior (3.00)  
**BIOL 038** - Biodiversity and Extinction: Hotspots, Crisis and Conservation (3.00)  
**BIOL 035** - Biology of Birds (4.00)  
**BIOL 011** - Human Biology (4.00)  
**BIOL 002** - Environmental Biology (3.00)  
**BIOL 055** - Biology of Sex (3.00)  
**BIOL 023** - Introduction to Infectious Diseases (3.00)  
**BIOL 010** - Introduction to Biology (3.00)  
**BIOL 058** - Field Ecology (3.00)  
**PSYC 002H** - Honors Experimental Psychophysiology (4.00)  
**BIOL 047** - Human Anatomy (5.00)  
**BIOL 043** - Principles of Cell Biology (5.00)  
**BIOL 042** - Principles of Plant Biology (5.00)  
**BIOL 048** - Human Physiology (5.00)  
**BIOL 018** - Marine Biology (4.00)  
**BIOL 022** - Genetics (4.00)  
**BIOL 045** - Microbiology (5.00)  
**ANTH 001** - Introduction to Physical Anthropology (3.00)  
**PSYC 007** - Physiological Psychology (3.00)  
**PSYC 002** - Experimental Psychophysiology (4.00)  
**BIOL 040** - Organismal Biology (4.00)  
**BIOL 041** - Principles of Animal Biology (5.00)  
**BIOL 059** - Climate Change (3.00)

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**PHYS 200** - General Physics I (4.00)



**PHYS 004A** - Engineering Physics - Mechanics (5.00)

**BIOL 200** - Principles of Organismal and Population Biology (4.00)



**BIOL 041** - Principles of Animal Biology (5.00)

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**BIOL 042** - Principles of Plant Biology (5.00)

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



**PSYC 007** - Physiological 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**