

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Solano Community 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 020</b> - Assembly Programming (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 020</b> - Analytic Geometry and Calculus I (5.00)
<b>MATH 151</b> - Calculus II (4.00)	←	<b>MATH 021</b> - Analytic Geometry and Calculus II (5.00)

<b>MATH 240</b> - Linear Algebra (3.00)	←	<b>MATH 040</b> - Introduction to 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 006</b> - Physics for Science and Engineering (5.00)
<b>PHYS 201</b> - General Physics II (4.00)	←	<b>PHYS 007</b> - Physics for Science and Engineering (5.00)

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**CSU GE Area: B2** - Life Science  
• Maximum credit, one course

←	<b>BIO 016</b> - Introduction to Human Biology (3.00)
	<b>BIO 018</b> - Biology of Sex (3.00)
	<b>BIO 012</b> - Environmental Science (3.00)
	<b>BIOT 001</b> - Principles of Biotechnology (3.00)
	<b>BIO 014</b> - Principles of Microbiology (4.00)
	<b>BIO 020</b> - Infectious Disease, Plague and Public Health (3.00)
	<b>BIO 015</b> - Introduction to Biology (4.00)
	<b>BIO 003</b> - Evolution, Ecology & Biodiversity (5.00)
	<b>BIO 002</b> - Principles of Cell and Molecular Biology (5.00)
	<b>BIO 004</b> - Human Anatomy (5.00)
	<b>BIO 005</b> - Human Physiology (5.00)
	<b>ANTH 001</b> - Physical Anthropology (3.00)
	<b>BIO 025</b> - Human Genetics (3.00)
	<b>BIO 019</b> - Marine Biology (4.00)

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<b>PHYS 200</b> - General Physics I (4.00)	←	<b>PHYS 006</b> - Physics for Science and Engineering (5.00)
<b>BIOL 200</b> - Principles of Organismal and Population Biology (4.00)	←	<b>BIO 003</b> - Evolution, Ecology & Biodiversity (5.00)
<b>BIOL 212</b> - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	<b>PSYC 002</b> - Biological Psychology (3.00)

### UPPER DIVISION REQUIREMENTS

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

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



**CIS 021** - 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**