

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Cerritos 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 231</b> - Computer Organization and Assembly Language Programming (3.50)
<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 170</b> - Analytic Geometry and Calculus I (4.00)
<b>MATH 151</b> - Calculus II (4.00)	←	<b>MATH 190</b> - Analytic Geometry and Calculus II (4.00)
<b>MATH 240</b> - Linear Algebra (3.00)	←	No Comparable Course

### 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 201</b> - Engineering Physics (4.00)
<b>PHYS 201</b> - General Physics II (4.00)	←	<b>PHYS 202</b> - Engineering Physics (4.00)
--- And ---		
<b>CSU GE Area: B2</b> - Life Science	←	<b>BIOL 110</b> - California Animals and Plants (3.00) <b>BIOL 105</b> - Humans and the Environment (3.00) <b>PSYC 241</b> - Introduction to Psychobiology (3.00) <b>BIOL 115</b> - Marine Biology (3.00) <b>ANTH 115</b> - Physical Anthropology (3.00) <b>BIOL 120</b> - Introduction to Biological Science (4.00) <b>ZOOL 120</b> - Introduction to Animal Biology (4.00) <b>BOT 120</b> - Introduction to Plant Science (4.00) <b>A&amp;P 120</b> - Introduction to Human Anatomy and Physiology (4.00) <b>A&amp;P 150</b> - Introduction to Human Anatomy (4.00) <b>A&amp;P 151</b> - Introduction to Human Physiology (4.00) <b>A&amp;P 200</b> - Human Anatomy (5.00) <b>BIOL 200</b> - Principles of Biology (5.00) <b>A&amp;P 201</b> - Human Physiology (5.00) <b>BIOL 201</b> - Principles of Biology (5.00) <b>BIOL 202</b> - Molecular Biology/Genetics (4.00) <b>MICR 200</b> - Principles and Applications of Microbiology (5.00) <b>BTEC 120</b> - Introduction to Biotechnology (4.00)
<ul style="list-style-type: none"> <li>Maximum credit, one course</li> </ul>		
--- Or ---		
<b>PHYS 200</b> - General Physics I (4.00)	←	<b>PHYS 201</b> - Engineering Physics (4.00)
<b>BIOL 200</b> - Principles of Organismal and Population Biology (4.00)	←	<b>BIOL 200</b> - Principles of Biology (5.00)
<b>BIOL 212</b> - Neurobiology and Cognitive Science (3.00)	←	<b>PSYC 241</b> - Introduction to Psychobiology (3.00)
Same-As: PSY 212		

## UPPER DIVISION REQUIREMENTS

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

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



### **CIS 185** - Discrete Structures (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**