

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Allan Hancock 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>CS 111</b> - Fundamentals of Programming 1 (4.00)
<b>COMP 151</b> - Data Structures and Program Design (4.00)	←	<b>CS 112</b> - Fundamentals of Programming 2 (4.00)
<b>COMP 162</b> - Computer Architecture and Assembly Language (3.00)	←	<b>CS 131</b> - Computer Organization (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 181</b> - Calculus 1 (4.00)
<b>MATH 151</b> - Calculus II (4.00)	←	<b>MATH 182</b> - Calculus 2 (4.00)

<b>MATH 240</b> - Linear Algebra (3.00)	←	No Comparable Course
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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 161</b> - Engineering Physics 1 (4.00)
<b>PHYS 201</b> - General Physics II (4.00)	←	<b>PHYS 163</b> - Engineering Physics 3 (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 124</b> - Human Anatomy (4.00) <b>BIOL 125</b> - Human Physiology (4.00) <b>BIOL 150</b> - Cellular Biology (5.00) <b>BIOL 100</b> - Introductory Biology (4.00) <b>BIOL 132</b> - Marine Biology (4.00) <b>BIOL 154</b> - General Botany (5.00) <b>BIOL 128</b> - Microbiology (4.50) <b>BIOL 155</b> - General Zoology (5.00) <b>ANTH 101</b> - Introduction to Biological Anthropology (3.00) <b>BIOL 120</b> - Humans and the Environment (3.00) <b>AG 152</b> - Introduction to Animal Science (3.00) <b>AG 161</b> - Introduction to Plant Science (4.00)
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<b>PHYS 200</b> - General Physics I (4.00)	←	<b>PHYS 161</b> - Engineering Physics 1 (4.00)
<b>BIOL 200</b> - Principles of Organismal and Population Biology (4.00)	←	<b>BIOL 154</b> - General Botany (5.00) --- And --- <b>BIOL 155</b> - General Zoology (5.00)
<b>BIOL 212</b> - 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*



**CS 161** - 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**