

# Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Glendale 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)	←	<b>CS/IS 112</b> - Introduction to Programming Using Java (3.00)
<b>COMP 151</b> - Data Structures and Program Design (4.00)	←	<b>CS/IS 211</b> - Data Structures (4.00)
<b>COMP 162</b> - Computer Architecture and Assembly Language (3.00)	←	<b>CS/IS 165</b> - Computer Architecture and Assembly Language (4.00)
<b>COMP 232</b> - Programming Languages (3.00)	←	No Comparable Course
<b>COMP 262</b> - Computer Organization and Architecture (3.00)	←	<b>CS/IS 166</b> - Advanced Computer Architecture and Assembly Language (3.00)

  

<b>MATH 150</b> - Calculus I (4.00)	←	<b>MATH 103E</b> - Calculus and Analytic Geometry (5.00) --- Or --- <b>MATH 103E H</b> - Honors Calculus and Analytic Geometry (5.00)
<b>MATH 151</b> - Calculus II (4.00)	←	<b>MATH 104E</b> - Calculus and Analytic Geometry (5.00) --- Or --- <b>MATH 104E H</b> - Honors Calculus and Analytic Geometry (5.00)

  

<b>MATH 240</b> - Linear Algebra (3.00)	←	<b>MATH 107</b> - Linear Algebra (5.00) --- Or --- <b>MATH 107H</b> - Honors Linear Algebra (5.00)
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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>PHY 101</b> - Physics for Scientists and Engineers: A (5.00) --- Or --- <b>PHY 101H</b> - Honors Physics for Scientists and Engineers: A (5.00)
<b>PHYS 201</b> - General Physics II (4.00)	←	<b>PHY 102</b> - Physics for Scientists and Engineers: B (5.00)

  

<b>CSU GE Area: B2</b> - Life Science <ul style="list-style-type: none"><li>Maximum credit, one course</li></ul>	←	<b>PSYCH 103</b> - Physiological Psychology (3.00) <b>BIOL 125</b> - Marine Biology (3.00) <b>BIOL 123</b> - Evolution (3.00) <b>ANTHR 101</b> - Physical Anthropology (4.00) <b>BIOL 125H</b> - Honors Marine Biology (3.00) <b>BIOL 112</b> - Microbiology (5.00) <b>BIOL 101</b> - General Biology (4.00) <b>BIOL 114</b> - Human Form and Function (3.00) <b>BIOL 122</b> - Introduction to Biology (4.00) <b>BIOL 121</b> - Introduction to Physiology (4.00) <b>BIOL 102</b> - General Biology (5.00) <b>BIOL 115</b> - Human Biology (4.00) <b>BIOL 120</b> - Human Anatomy (5.00) <b>BIOL 140</b> - Introduction to Biotechnology (4.00)
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<b>PHYS 200</b> - General Physics I (4.00)	←	<b>PHY 101</b> - Physics for Scientists and Engineers: A (5.00) --- Or --- <b>PHY 101H</b> - Honors Physics for Scientists and Engineers: A (5.00)
<b>BIOL 200</b> - Principles of Organismal and Population Biology (4.00)	←	<b>BIOL 102</b> - General Biology (5.00)
<b>BIOL 212</b> - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	<b>PSYCH 103</b> - Physiological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

<b>MATH 300</b> - Discrete Mathematics (3.00) <ul style="list-style-type: none"> <li>• <i>Content credit only</i></li> <li>• <i>Lower division credit only</i></li> </ul>	←	<b>CS/IS 125</b> - Discrete Structures for Computing (4.00) <ul style="list-style-type: none"> <li>• <i>Course is an approved substitute for Computer Science majors only</i></li> <li>• <i>Course is an approved substitute for Information Technology majors only</i></li> </ul>
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END OF AGREEMENT