

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Golden West 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

COMP 150 - Object-oriented Programming (4.00)	←	CS G153 - Java Programming, Introduction (4.00) --- Or --- CS G175 - C++ Programming (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CS G154 - Data Structures with Java (4.00) --- Or --- CS G179 - C++ Programming, Advanced (4.00) --- And --- CS G189 - Data Structures with C++ (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CS G242 - Computer Architecture and Organization (3.00)
COMP 232 - Programming Languages (3.00)	←	No Comparable Course
COMP 262 - Computer Organization and Architecture (3.00)	←	No Comparable Course

MATH 150 - Calculus I (4.00)	←	MATH G180 - Calculus 1 (4.00)
MATH 151 - Calculus II (4.00)	←	MATH G185 - Calculus 2 (4.00)

MATH 240 - Linear Algebra (3.00)	←	MATH G235 - Applied 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

PHYS 200 - General Physics I (4.00)	←	PHYS G185 - Calculus Based Physics: Mechanics (4.00)
PHYS 201 - General Physics II (4.00)	←	PHYS G280 - Calculus Based Physics: Electricity/Magnetism (4.00)

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CSU GE Area: B2 - Life Science <ul style="list-style-type: none">Maximum credit, one course	←	BIOL G104 - Marine Life (3.00) BIOL G110 - Ecology and Field Biology (3.00) ANTH G185 - Physical Anthropology (3.00) BIOL G120 - Health and Disease (3.00) PSYC G250 - Psychobiology (3.00) BIOL G225 - Human Physiology (4.00) BIOL G100 - Introduction to Biology (4.00) BIOL G180 - Cell and Molecular Biology (5.00) BIOL G183 - Botany (4.00) BIOL G220 - Human Anatomy (4.00) BIOL G221 - Introduction to Anatomy and Physiology (4.00) BIOL G182 - Zoology (4.00) BIOL G210 - General Microbiology (5.00) BIOL G101 - The Biology of Food and Cooking (3.00) BIOL G186 - Diversity of Organisms (5.00)
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PHYS 200 - General Physics I (4.00)	←	PHYS G185 - Calculus Based Physics: Mechanics (4.00)
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BIOL 200 - Principles of Organismal and Population Biology (4.00)



BIOL G182 - Zoology (4.00)

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BIOL G183 - Botany (4.00)

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BIOL G186 - Diversity of Organisms (5.00)

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



PSYC G250 - Psychobiology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CS G262 - 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