Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: California State University, Channel Islands 2022-2023 General Catalog, Semester	From: Rio Hondo College 2022-2023 General Catalog, Semester

Computer Science, B.S.

GENERAL INFORMATION

1. **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)	←	No Comparable Course
COMP 151 - Data Structures and Program Design (4.00)	←	No Comparable Course
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	**CS 142** - 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 190** - Calculus I (4.00)
		--- Or ---
		MATH 190H - Calculus I Honors (4.00)
MATH 151 - Calculus II (4.00)	←	**MATH 191** - Calculus II (4.00)

MATH 240 - Linear Algebra (3.00)	←	**MATH 260** - Linear Algebra (4.00)

SCIENCE

Select 1 Sequence(s) from the following

Please refer to additional important General Information section above

PHYS 200 - General Physics I (4.00)	←	**PHY 211** - Physics for Scientists and Engineers - I (4.00)
PHYS 201 - General Physics II (4.00)	←	**PHY 213** - Physics for Scientists and Engineers-III (4.00)

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CSU GE Area: B2 - Life Science • *Maximum credit, one course*	←	**PSY 210** - Biological Psychology (3.00) **PSY 210H** - Biological Psychology Honors (3.00) **ANTH 101** - Introduction to Physical Anthropology (3.00) **ANTH 101H** - Introduction to Physical Anthropology Honors (3.00) **BIOL 120** - Environmental Biology (3.00) **BIOL 105** - Human Biology (3.00) **BIOL 226** - Human Physiology (4.00) **BIOL 222** - Microbiology (5.00) **BIOL 112** - Outdoor Biology (4.00) **BIOL 111** - Marine Biology (3.00) **BIOL 206** - Principles of Genetics (3.00) **BIOL 101** - General Biology (4.00) **BIOL 201** - Principles of Biology 2 (Diversity and Ecology) (5.00) **BIOL 200** - Principles of Biology 1 (Molecular and Cellular Biology) (5.00) **BIOT 100** - Introduction to Biotechnology (4.00)

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PHYS 200 - General Physics I (4.00)	←	**PHY 211** - Physics for Scientists and Engineers - I (4.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	**BIOL 201** - Principles of Biology 2 (Diversity and Ecology) (5.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	**PSY 210** - Biological Psychology (3.00)
		--- Or ---
		PSY 210H - Biological Psychology Honors (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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

← **CS 152** - 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