Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: California State University, Channel Islands 2022-2023 General Catalog, Semester	From: Citrus 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 242** - 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 with Analytic Geometry (5.00)
MATH 151 - Calculus II (4.00)	←	**MATH 191** - Calculus with Analytic Geometry II (5.00)

MATH 240 - Linear Algebra (3.00)	←	**MATH 212** - Introduction to 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)	←	**PHYS 201** - Physics A: Mechanics (5.00)
PHYS 201 - General Physics II (4.00)	←	**PHYS 202** - Physics B: Electromagnetism (5.00)

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CSU GE Area: B2 - Life Science • *Maximum credit, one course*	←	**BIOL 145** - Environmental Science (3.00) **ANTH 212** - Introduction to Physical Anthropology (3.00) **FOR 102** - Introduction to Forest Ecology (3.00) **PSY 102** - Psychobiology (3.00) **BIOL 102** - Human Genetics (3.00) **BIOL 105** - General Biology (4.00) **BIOT 107** - Biotechnology: Transforming Society Through Biology (3.00) **BIOL 124** - Molecular and Cellular Biology (5.00) **BIOL 200** - Human Anatomy (4.00) **BIOL 109** - Biology for Educators (4.00) **BIOL 105H** - General Biology - Honors (4.00) **BIOL 220** - Microbiology (5.00) **BIOL 125** - Evolution, Ecology & Biodiversity (5.00) **BIOL 104** - Biology: Contemporary Topics (3.00) **BIOL 201** - Physiology (4.00) **BIOT 108** - Intro to Biotechnology: Real World Biology Applications (4.00) **BIOL 108** - Biology of Cancer (3.00) **BIOL 117** - Biology of Infectious Diseases (3.00) **BIOL 110** - Field Biology (4.00)

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PHYS 200 - General Physics I (4.00)	←	**PHYS 201** - Physics A: Mechanics (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	**BIOL 125** - Evolution, Ecology & Biodiversity (5.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	**PSY 102** - Psychobiology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)
- *Content credit only*
- *Lower division credit only*

← **CS 252** - 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