

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Cabrillo 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 19 - C++ Programming (4.00) --- Or --- CS 20J - Java Programming (4.00) --- Or --- CS 12P - Python Introductory Programming Concepts and Methodology (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CS 21 - Introduction to Data Structures and Algorithms (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CS 24 - Elementary Computer Organization (4.00)
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 5A - Analytic Geometry and Calculus I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 5B - Analytic Geometry and Calculus II (5.00)
MATH 240 - Linear Algebra (3.00)	←	MATH 6 - Introduction to Linear Algebra (3.00)

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 4A - Physics for Scientists and Engineers I (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 4B - Physics for Scientists and Engineers II (5.00)
--- And ---		
CSU GE Area: B2 - Life Science • Maximum credit, one course	←	BIO 13A - Biology of People - Anatomy and Physiology (3.00) PSYCH 4 - Introduction to Biological Psychology (3.00) BIO 4 - Human Anatomy (4.00) BIO 6 - Microbiology (4.00) BIO 11B - Marine Biology (4.00) HORT 1A - BASIC Horticulture (4.00) HORT 1B - Basic Horticulture: Crop Production (4.00) BIO 5 - Human Physiology (4.00) BIO 11A - General Biology (4.00) ANTHR 1 - Introduction to Anthropology: Biological (3.00) BIO 11C - Ecology (5.00) BIO 9A - Molecular, Cellular, and Animal Biology (5.00) BIO 9B - Ecology, Evolution, and Plant Biology (5.00) ANTHR 1H - Honors Introduction to Anthropology: Biological (3.00) BIO 31 - Animal Behavior (3.00)
--- Or ---		
PHYS 200 - General Physics I (4.00)	←	PHYS 4A - Physics for Scientists and Engineers I (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	No Comparable Course
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	PSYCH 4 - Introduction to Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CS 23 - Discrete Mathematics (4.00)

Same-As: MATH 23

- *Course is an approved substitute for Computer Science majors only*
- *Course is an approved substitute for Information Technology majors only*

--- Or ---

MATH 23 - Discrete Mathematics (4.00)

Same-As: CS 23

- *Course is an approved substitute for Computer Science majors only*
- *Course is an approved substitute for Information Technology majors only*

END OF AGREEMENT