

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Santa Barbara City 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 140 - Object-Oriented Programming Using C++ (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CS 106 - Theory and Practice II (3.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CS 107 - Computer Architecture & 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 150 - Calculus with Analytic Geometry I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 160 - Calculus with Analytic Geometry II (5.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 210 - 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 121 - Mechanics of Solids and Fluids (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 122 - Electricity and Magnetism (5.00)

--- And ---

CSU GE Area: B2 - Life Science

- *Maximum credit, one course*



BIOL 110 - Natural Science (3.00)
BIOL 112 - Evolution and Adaptation (3.00)
BIOL 172 - Symbiosis (3.00)
ENVS 110 - Humans and the Biological Environment (3.00)
EH 102 - Soils and Plant Nutrients (3.00)
PSY 110 - Introduction to Physiological Psychology (3.00)
BIOL 144 - Biogeography (3.00)
BIOL 150 - Biodiversity (3.00)
BIOL 140 - Principles of Biology (3.00)
BMS 146 - Human Form and Function (3.00)
BIOL 122 - Ecology (3.00)
BMS 118 - Human Microanatomy (3.00)
EH 112 - Ecological Restoration I (3.00)
BOT 123 - Field Botany (3.00)
ZOOL 110 - Animal Physiology (3.00)
ZOOL 122 - Animal Diversity (3.00)
BIOL 124 - Biological Oceanography (4.00)
BIOL 100 - Concepts of Biology (4.00)
BMS 107 - Human Anatomy (4.00)
BIOL 142 - Marine Science (3.00)
ZOOL 137 - Ornithology (3.00)
BIOL 161 - DNA and Society (3.00)
EH 110 - Introduction to Horticulture (3.00)
ANTH 101H - Physical Anthropology, Honors (4.00)
BIOL 126 - Aquatic Ecosystems (3.00)
BMS 100 - The Human Body (4.00)
BOT 121 - Plant Diversity (4.00)
BIOL 101 - Plant Biology (4.00)
ZOOL 124 - Insect Biology (3.00)
BMS 108 - Human Physiology (4.00)
BIOL 125 - Marine Biology (4.00)
BMS 127 - Medical Microbiology (4.00)
BIOL 102 - Animal Biology (5.00)
BMS 157 - General Microbiology (4.00)
ANTH 101 - Physical Anthropology (3.00)
BOT 122 - Flowering Plant Identification (3.00)
BMS 136 - Biology of Human Sexuality (3.00)
ERTH 122 - Dinosaurs (3.00)
ZOOL 140 - Animal Behavior (3.00)
BOT 100 - Concepts of Botany (4.00)
BIOL 120 - Natural History (4.00)
BIOL 103 - Cell and Molecular Biology (5.00)
BIOL 171 - Human Evolution (3.00)

--- Or ---

PHYS 200 - General Physics I (4.00)



PHYS 121 - Mechanics of Solids and Fluids (5.00)

BIOL 200 - Principles of Organismal and Population Biology (4.00)



BIOL 101 - Plant Biology (4.00)

--- And ---

BIOL 102 - Animal Biology (5.00)

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



PSY 110 - Introduction to Physiological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CS 108 - Discrete Structures (4.00)

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

END OF AGREEMENT