

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Cerro Coso Community 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)	←	No Comparable Course
COMP 151 - Data Structures and Program Design (4.00)	←	No Comparable Course
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CSCI C257 - 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 C151 - Analytic Geometry & Calculus I (4.00)
MATH 151 - Calculus II (4.00)	←	MATH C152 - Analytic Geometry & Calculus II (4.00)

MATH 240 - Linear Algebra (3.00)	←	MATH C257 - 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 C111 - Mechanics (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYS C113 - Electricity & Magnetism (5.00)

--- And ---

CSU GE Area: B2 - Life Science <ul style="list-style-type: none"> Maximum credit, one course 	←	BIOL C141 - Environmental Studies Lecture (3.00) BIOL C121 - Survey of Anatomy and Physiology Lecture (3.00) ANTH C121 - Biological Anthropology (3.00) BIOL C105 - Concepts of Biology (4.00) BIOL C251 - Human Anatomy (4.00) BIOL C255 - Human Physiology (4.00) BIOL C112 - General Biology II (5.00) BIOL C262 - General Microbiology (5.00) BIOL C125 - Survey of Anatomy and Physiology (4.00) BIOL C145 - Environmental Studies (4.00) BIOL C105H - Concepts of Biology Honors (5.00) ANTH C121H - Biological Anthropology: Honors (4.00) BIOL C112H - General Biology II - Honors (6.00) BIOL C111 - General Biology I (5.00) BIOL C111H - General Biology I - Honors (6.00) BIOL C101 - Concepts of Biology Lecture (3.00)
--------------------------------------------------------------------------------------------------------------------	---	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

--- Or ---

PHYS 200 - General Physics I (4.00)	←	PHYS C111 - Mechanics (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	BIOL C112 - General Biology II (5.00) <div>--- Or ---</div> BIOL C112H - General Biology II - Honors (6.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	PSYC C220 - Physiological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CSCI C255 - 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