

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Cuesta 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)	←	CIS 231 - Fundamentals of Computer Science I (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	<div> CIS 232 - Fundamentals of Computer Science II (2.00) --- And --- CIS 233 - Fundamentals of Computer Science III (2.00) </div>
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CIS 240 - Microcomputer Architecture and Programming (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 265A - Calculus I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 265B - Calculus II (5.00)
MATH 240 - Linear Algebra (3.00)	←	No Comparable Course

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 208A - Principles of Physics 1 (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 208B - Principles of Physics 2 (5.00)
--- And ---		
CSU GE Area: B2 - Life Science <ul style="list-style-type: none"> Maximum credit, one course 	←	BIO 224 - Principles of Natural History (3.00) BIO 212 - Human Biology (3.00) ANTH 201 - Physical Anthropology (3.00) BIO 211 - Life Science (3.00) BIO 222 - Marine Biology (3.00) BIO 221 - General Ecology (4.00) PSYC 202 - Introduction to Biological Psychology (3.00) BIO 220 - Environmental Biology (3.00) BIO 213 - Genetics in Society (3.00) AGPS 242 - Intro to Plant Science (3.00) BIO 204 - Microbiology (5.00) BIO 205 - Human Anatomy (4.00) BIO 206 - General Human Physiology (5.00) BIO 216 - Plants & People (4.00) BIO 201B - Biology (5.00) BIO 202 - General Botany (5.00) BIO 201A - Biology (5.00)
--- Or ---		
PHYS 200 - General Physics I (4.00)	←	PHYS 208A - Principles of Physics 1 (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	BIO 201B - Biology (5.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	PSYC 202 - Introduction to Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CIS 241 - 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