

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: College of San Mateo
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 255 - (CS1) Programming Methods: Java (4.00) --- Or --- CIS 278 - (CS1) Programming Methods I: C++ (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CIS 256 - (CS2) Data Structures: Java (4.00) --- Or --- CIS 279 - (CS2) Data Structures: C++ (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CIS 264 - Computer Organization and Systems Programming (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 251 - Calculus with Analytic Geometry I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 252 - Calculus with Analytic Geometry II (5.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 270 - Linear Algebra (3.00)
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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 250 - Physics with Calculus I (4.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 260 - Physics with Calculus II (4.00)

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CSU GE Area: B2 - Life Science <ul style="list-style-type: none">Maximum credit, one course	←	BIOL 184 - Wildlife Biology (3.00) BIOL 102 - Environmental Science and Conservation (3.00) BIOL 100 - Introduction to the Life Sciences (3.00) PALN 110 - General Paleontology (3.00) BIOL 110 - General Principles of Biology (4.00) ANTH 125 - Physical Anthropology (3.00) BIOL 240 - General Microbiology (4.00) BIOL 210 - General Zoology (5.00) BIOL 230 - Introductory Cell Biology (4.00) BIOL 250 - Human Anatomy (4.00) BIOL 220 - General Botany (5.00) BIOL 260 - Human Physiology (5.00) BIOL 145 - Plants, People and Environment (3.00) PSYC 105 - Experimental Psychology (3.00) OCEN 100 - Oceanography (3.00) BIOL 130 - Human Biology (3.00) PSYC 220 - Introduction to Psychobiology (3.00)

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PHYS 200 - General Physics I (4.00)	←	PHYS 250 - Physics with Calculus I (4.00)

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



BIOL 210 - General Zoology (5.00)

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BIOL 220 - General Botany (5.00)

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



PSYC 220 - Introduction to Psychobiology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CIS 262 - Discrete Mathematics for Computer Science (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