

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: San Diego Miramar 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)	←	CISC 190 - Java Programming (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CISC 187 - Data Structures in C++ (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CISC 211 - Computer Organization and Assembly Language (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 150 - Calculus with Analytic Geometry I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 151 - Calculus with Analytic Geometry II (4.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 254 - Introduction to 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 195 - Mechanics (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 196 - Electricity and Magnetism (5.00)

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CSU GE Area: B2 - Life Science <ul style="list-style-type: none">Maximum credit, one course	←	PSYC 260 - Introduction to Physiological Psychology (3.00) BIOL 130 - Human Heredity (3.00) ANTH 102 - Introduction to Biological Anthropology (3.00) BIOL 180 - Plants and People (3.00) BIOL 115 - Marine Biology (4.00) BIOL 160 - Elements of Human Anatomy & Physiology (4.00) BIOL 100 - Natural History - Environmental Biology (4.00) BIOL 131 - Introduction to Biotechnology (4.00) BIOL 230 - Human Anatomy (4.00) BIOL 235 - Human Physiology (4.00) BIOL 107 - General Biology-Lecture and Laboratory (4.00) BIOL 205 - General Microbiology (5.00) BIOL 210A - Introduction to the Biological Sciences I (4.00) BIOL 210B - Introduction to the Biological Sciences II (4.00)
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PHYS 200 - General Physics I (4.00)	←	PHYS 195 - Mechanics (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	BIOL 210B - Introduction to the Biological Sciences II (4.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	PSYC 260 - Introduction to Physiological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CISC 246 - Discrete Mathematics for Computer Science (3.00)

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

END OF AGREEMENT