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 Mesa College 2022-2023 General Catalog, Semester

Computer Science, B.S.

GENERAL INFORMATION

1. **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)

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 • *Maximum credit, one course*	←	**BIOL 130** - Human Heredity (3.00) **BIOL 110** - Introduction to Oceanography (3.00) **PSYC 260** - Introduction to Physiological Psychology (3.00) **BIOL 180** - Plants and People (3.00) **BIOL 210B** - Introduction to the Biological Sciences II (4.00) **BIOL 100** - Natural History - Environmental Biology (4.00) **BIOL 210A** - Introduction to the Biological Sciences I (4.00) **BIOL 215** - Introduction to Zoology (4.00) **BIOL 205** - General Microbiology (5.00) **BIOL 250** - Introduction to Botany (4.00) **BIOL 160** - Elements of Human Anatomy & Physiology (4.00) **BIOL 235** - Human Physiology (4.00) **BIOL 230** - Human Anatomy (4.00) **ANTH 102** - Introduction to Biological Anthropology (3.00) **BIOL 107** - General Biology - Lecture and Laboratory (4.00) **BIOL 115** - Marine Biology (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)

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MATH 245 - Discrete Mathematics (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