

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Merced 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)	←	CPSC -06 - Programming Concepts and Methodology I (3.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CPSC -39 - Programming Concepts and Methodology II (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CPSC -42 - 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 -04A - Calculus I (4.00)
MATH 151 - Calculus II (4.00)	←	MATH -04B - Calculus II (4.00)

MATH 240 - Linear Algebra (3.00)	←	MATH -08 - 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 -04A - Physics I (4.00)
PHYS 201 - General Physics II (4.00)	←	PHYS -04B - Physics II (4.00)

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CSU GE Area: B2 - Life Science <ul style="list-style-type: none">Maximum credit, one course	←	BIOL -09 - Introduction to Genetics (3.00) AGPS -01 - Elements of Plant Science (3.00) BIOL -06 - Environmental Science (3.00) BIOL -04A - Fundamentals of Biology: The Cell and Evolution (4.00) BIOL -20 - Microbiology (4.00) BIOL -18 - Principles of Physiology (4.00) BIOL -01 - General Biology for Non-Majors (4.00) ANTH -01 - Introduction to Biological Anthropology (4.00) BIOL -32 - Introduction to Biotechnology (4.00) BIOL -16 - General Human Anatomy (4.00) BIOL -02 - Human Biology (4.00) BIOL -04B - Diversity of Life: Morphology and Physiology (5.00) PSYC -15 - Biological Psychology (3.00)
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PHYS 200 - General Physics I (4.00)	←	PHYS -04A - Physics I (4.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	BIOL -04B - Diversity of Life: Morphology and Physiology (5.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	PSYC -15 - Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CPSC -07 - Discrete Structures (3.00)

Same-As: MATH -07

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

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MATH -07 - Discrete Structures (3.00)

Same-As: CPSC -07

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

END OF AGREEMENT