

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Madera Community 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)	←	CSCI 40 - Programming Concepts and Methodology I (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CSCI 41 - Programming Concepts and Methodology II (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CSCI 45 - Computer Organization and Assembly Language 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 5A - Math Analysis I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 5B - Math Analysis II (4.00)

MATH 240 - Linear Algebra (3.00)	←	No Comparable Course
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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 4A - Physics for Scientists and Engineers (4.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 4B - Physics for Scientists and Engineers (4.00)

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CSU GE Area: B2 - Life Science <ul style="list-style-type: none">Maximum credit, one course	←	NR 7 - Conservation of Natural Resources (3.00) PLS 1 - Introduction to Plant Science (3.00) AS 1 - Introduction to Animal Science (3.00) BIOL 31 - Microbiology (5.00) BIOL 10 - Introduction to Life Science Lecture (3.00) BIOL 2 - Environmental Science (4.00) BIOL 22 - Human Physiology (5.00) BIOL 20 - Human Anatomy (4.00) BIOL 1 - Principles of Biology (4.00) BIOL 5 - Human Biology (4.00) BIOL 11B - Biology for Science Majors II (5.00) BIOL 11A - Biology for Science Majors I (5.00)

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PHYS 200 - General Physics I (4.00)	←	PHYS 4A - Physics for Scientists and Engineers (4.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	BIOL 11B - Biology for Science Majors II (5.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	No Comparable Course

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CSCI 26 - Discrete Mathematics for Computer Science (4.00)

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

END OF AGREEMENT