

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 Marin
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)	←	COMP 130 - Introduction to Computer Programming Using C++ (4.00)
		--- Or ---
		COMP 135 - Introduction to Computer Programming Using Java (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	COMP 232 - Advanced Programming in JAVA (4.00)
		--- Or ---
		COMP 235 - Advanced Programming in C++ (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	COMP 160 - Computer Organization: An Assembly Language Perspective (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 123 - Analytic Geometry and Calculus I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 124 - Analytic Geometry and Calculus II (5.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 116 - Linear Algebra (4.00)
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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 207A - Mechanics and Properties of Matter (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 207B - Electricity and Magnetism (5.00)

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CSU GE Area: B2 - Life Science	←	ANTH 101 - Introduction to Physical/Biological Anthropology (3.00)
• <i>Maximum credit, one course</i>		BIOL 162 - General Ecology (3.00)
		BIOL 109 - Heredity and Evolution (3.00)
		BIOL 107 - Human Biology (3.00)
		Same-As: KIN 107
		BIOL 120 - Human Anatomy (5.00)
		BIOL 240 - Microbiology (5.00)
		BIOL 112C - Majors' Biology: Molecules, Cells, Prokaryotes and Genetics (5.00)
		BIOL 112B - Majors' Biology: Plants, Algae, Fungi and Ecology (5.00)
		BIOL 224 - Human Physiology (5.00)
		BIOL 112A - Majors' Biology: Animals, Protozoa, Evolution and Classification (5.00)
		BIOL 110 - Introduction to Biology (3.00)
		BIOL 141 - Global Climate Change: Science, Impact and Solutions (3.00)
		Same-As: GEOG 141, ENVS 141
		BIOL 235 - General Marine Biology (4.00)
		BIOL 138 - Introduction to Environmental Sciences (4.00)
		Same-As: ENVS 138

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PHYS 200 - General Physics I (4.00)	← PHYS 207A - Mechanics and Properties of Matter (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	← <div> BIOL 112A - Majors' Biology: Animals, Protozoa, Evolution and Classification (5.00) <div> <div>--- And ---</div> BIOL 112B - Majors' Biology: Plants, Algae, Fungi and Ecology (5.00) </div> </div>
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	← <div> BIOL 251 - Biological Psychology (3.00) Same-As: PSY 251 <div> <div>--- Or ---</div> PSY 251 - Biological Psychology (3.00) Same-As: BIOL 251 </div> </div>

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00) <ul style="list-style-type: none"> • <i>Content credit only</i> • <i>Lower division credit only</i> 	← COMP 117 - Discrete Mathematics (3.00) Same-As: MATH 117 <ul style="list-style-type: none"> • <i>Course is an approved substitute for Computer Science majors only</i> • <i>Course is an approved substitute for Information Technology majors only</i> <div> <div>--- Or ---</div> MATH 117 - Discrete Mathematics (3.00) Same-As: COMP 117 <ul style="list-style-type: none"> • <i>Course is an approved substitute for Computer Science majors only</i> • <i>Course is an approved substitute for Information Technology majors only</i> </div>
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END OF AGREEMENT