

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Santa Rosa Junior 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)	←	No Comparable Course
COMP 151 - Data Structures and Program Design (4.00)	←	CS 10C - Programming Concepts and Methodologies 2 (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CS 12 - Assembly Language Programming/Computer Architecture (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 1A - Calculus, First Course (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 1B - Calculus, Second Course (5.00)
MATH 240 - Linear Algebra (3.00)	←	MATH 5 - Introduction to Linear Algebra (4.00)

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 40 - Classical Mechanics for Scientists and Engineers (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 42 - Electricity and Magnetism for Scientists and Engineers (4.00)
--- And ---		
CSU GE Area: B2 - Life Science	←	BOTANY 60 - Field Botany (4.00)
• <i>Maximum credit, one course</i>		AGRI 20 - Introduction to Plant Science (3.00)
		NRM 51 - Wildland Trees and Shrubs (3.00)
		NRM 12 - Introduction to Environmental Conservation (3.00)
		BIO 13 - Human Biology (3.00)
		ANTHRO 1 - Biological Anthropology (3.00)
		BIO 14 - Current Issues in Biology (3.00)
		BIO 27 - Biology of Marine Mammals (3.00)
		ANAT 40 - Introduction to Human Anatomy and Physiology (4.00)
		BIO 25 - Marine Biology (4.00)
		MICRO 60 - Fundamentals of Microbiology (4.00)
		BIO 2.1 - Fundamentals of Biology (Cell and Molecular) (5.00)
		BIO 10 - Introduction to Principles of Biology (4.00)
		BOTANY 10 - Plant Biology (4.00)
		BIO 16 - Introduction to Biology for Non-Majors (4.00)
		BIO 2.3 - Fundamentals of Biology (Botany and Ecology) (5.00)
		BIO 2.2 - Fundamentals of Biology (Evolution, Genetics, and Zoology) (5.00)
		PHYSIO 1 - Human Physiology (5.00)
		ANAT 1 - General Human Anatomy (5.00)
		MICRO 5 - General Microbiology (5.00)
		BIO 31 - Tropical Biodiversity and Conservation (2.00)
		BIO 20 - Human Genetics (3.00)
		BIO 12 - Basic Concepts of Ecology (3.00)
		ANTHRO 19 - Forensic Anthropology (3.00)
--- Or ---		

PHYS 200 - General Physics I (4.00)	←	PHYS 40 - Classical Mechanics for Scientists and Engineers (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	<div> BIO 2.2 - Fundamentals of Biology (Evolution, Genetics, and Zoology) (5.00) </div> <div> BIO 2.3 - Fundamentals of Biology (Botany and Ecology) (5.00) </div>
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	No Comparable Course

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> 	←	No Course Articulated
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END OF AGREEMENT