

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Mission 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)	←	No Comparable Course
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CIS 039 - Introduction to Computer Systems 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)	←	MAT 003A - Analytic Geometry and Calculus I (5.00) --- Or --- MAT 003AH - Analytic Geometry and Calculus I - Honors (5.00)
MATH 151 - Calculus II (4.00)	←	MAT 003B - Analytic Geometry and Calculus II (5.00)
MATH 240 - Linear Algebra (3.00)	←	MAT 004C - 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)	←	PHY 004A - Engineering Physics - Mechanics (5.00)
PHYS 201 - General Physics II (4.00)	←	PHY 004B - Engineering Physics - Electricity and Magnetism (4.00)
--- And ---		
CSU GE Area: B2 - Life Science	←	BIO 030 - Tropical Ecology (3.00) BIO 015 - Human Genetics (3.00) ANT 001 - Biological Anthropology (3.00) BIO 025 - Environmental Biology (3.00) BIO 016 - Marine Biology (4.00) BIO 019 - Oceans: Life in the Sea (3.00) BIO 012 - Emerging Infectious Disease (3.00) BIO 010 - Introduction to Biology (3.00) BIO 011 - Human Biology (4.00) BIO 017H - Genetics and Society - Honors (3.00) BIO 014 - Introductory Neuroscience (4.00) BIO 048 - Human Physiology (5.00) BIO 022 - Anatomy and Physiology for Allied Health Workers (4.00) BIO 032 - California Plants and Animals (4.00) BIO 004 - Microbiology (5.00) BIO 017 - Genetics and Society (3.00) BIO 047 - Human Anatomy (5.00) BIO 048H - Human Physiology - Honors (5.00) BIO 001A - General Biology: Cells (5.00) BIO 001B - General Biology: Organisms (5.00) BIO 001AH - General Biology: Cells - Honors (5.00) BIO 014H - Introductory Neuroscience - Honors (3.00) BIO 018 - The Biology of Cancer (3.00) BIO 018H - The Biology of Cancer - Honors (3.00)
<ul style="list-style-type: none"> Maximum credit, one course 		
--- Or ---		

PHYS 200 - General Physics I (4.00)	← PHY 004A - Engineering Physics - Mechanics (5.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	← BIO 001B - General Biology: Organisms (5.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	← PSY 007 - Biological Psychology (3.00)

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