

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 the Canyons
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)	←	CMPSCI 111 - Introduction to Computer Algorithms and Programming/JAVA (3.00) --- And --- CMPSCI 111L - Introduction to Algorithms and Programming Lab (1.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CMPSCI 182 - Data Structures and Program Design (3.00) --- And --- CMPSCI 182L - Data Structures & Program Design Lab (1.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CMPSCI 122 - Computer Architecture and Assembly Language (3.00)
COMP 232 - Programming Languages (3.00)	←	No Comparable Course
COMP 262 - Computer Organization and Architecture (3.00)	←	CMPSCI 222 - Computer Organization (3.00)

MATH 150 - Calculus I (4.00)	←	MATH 211 - Calculus I (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 212 - Calculus II (5.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 214 - 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)	←	PHYSIC 220 - Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4.00)
PHYS 201 - General Physics II (4.00)	←	PHYSIC 221 - Physics for Scientists and Engineers: Electricity and Magnetism (4.00)

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CSU GE Area: B2 - Life Science

- *Maximum credit, one course*



PSYCH 102 - Physiological Psychology (3.00)
ANTHRO 101 - Physical Anthropology (3.00)
GEOLOGY 103 - Dinosaurs (3.00)
BIOSCI 140 - Principles of Human Genetics (3.00)
BIOSCI 132 - Concepts in Evolution (3.00)
BIOSCI 205 - Human Anatomy and Physiology II (4.00)
ANTHRO 101H - Physical Anthropology - Honors (3.00)
BIOSCI 119 - Marine Biology (4.00)
BIOSCI 240 - Molecular Genetics (4.00)
BIOSCI 204 - Human Anatomy and Physiology I (4.00)
BIOSCI 115 - General Zoology (4.00)
BIOSCI 201 - Introduction to Human Anatomy (4.00)
BIOSCI 202 - Introduction to Human Physiology (4.00)
BIOSCI 107H - Molecular and Cellular Biology - Honors (4.00)
BIOSCI 100H - General Biology - Honors (4.00)
BIOSCI 221 - Introduction to Microbiology (5.00)
BIOSCI 130 - Environmental Biology (3.00)
BIOSCI 106 - Organismal and Environmental Biology (4.00)
BIOSCI 107 - Molecular and Cellular Biology (4.00)
BIOSCI 116 - General Botany (4.00)
BIOSCI 100 - General Biology (4.00)
BIOSCI 106H - Organismal & Environmental Biology - Honors (4.00)

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PHYS 200 - General Physics I (4.00)



PHYSIC 220 - Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4.00)

BIOL 200 - Principles of Organismal and Population Biology (4.00)



BIOSCI 106 - Organismal and Environmental Biology (4.00)

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BIOSCI 106H - Organismal & Environmental Biology - Honors (4.00)

BIOL 212 - Neurobiology and Cognitive Science (3.00)
Same-As: PSY 212



PSYCH 102 - Physiological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CMPSCI 256 - Discrete Structures (3.00)

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

END OF AGREEMENT