

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Bakersfield 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)	←	COMP B13 - Computer Architecture and Organization (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 B6A - Analytic Geometry/Calculus I (4.00)
MATH 151 - Calculus II (4.00)	←	MATH B6B - Analytic Geometry and Calculus II (4.00)

MATH 240 - Linear Algebra (3.00)	←	MATH B6E - Elementary Linear Algebra (3.00)
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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 B4A - Mechanics and Wave Motion (4.00)
PHYS 201 - General Physics II (4.00)	←	PHYS B4B - Heat, Electricity and Magnetism (4.00)

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CSU GE Area: B2 - Life Science <ul style="list-style-type: none">Maximum credit, one course	←	ANTH B1 - Physical Anthropology (3.00) BIOL B16 - General Microbiology (5.00) BIOL B11 - Concepts of Biology (4.00) BIOL B18 - Essentials of Human Anatomy and Physiology (4.00) CRPS B5 - Plant Science (3.00) BIOL B3B - General Biology II (5.00) BIOL B3A - General Biology I (5.00) BIOL B33 - Human Anatomy and Physiology II (4.00) BIOL B32 - Human Anatomy and Physiology I (4.00) PSYC B1B - Biological Psychology (3.00) BIOL B8 - Introduction to Environmental Science (3.00) HEIT B60 - Human Form And Function (3.00) CRPS B16 - Introduction to Viticulture (3.00) FORE B8 - Ecology (3.00)
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PHYS 200 - General Physics I (4.00)	←	PHYS B4A - Mechanics and Wave Motion (4.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	BIOL B3A - General Biology I (5.00)
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	PSYC B1B - Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



COMP B14 - 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