Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: California State University, Channel Islands **2022-2023 General Catalog, Semester**	**From: Butte College** **2022-2023 General Catalog, Semester**

Computer Science, B.S.

GENERAL INFORMATION

1. **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)	←	**CSCI 20** - Programs and Algorithms I (3.00)
COMP 151 - Data Structures and Program Design (4.00)	←	**CSCI 21** - Programs and Algorithms II (3.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	**CSCI 10** - 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 30** - Analytic Geometry and Calculus I (5.00)
MATH 151 - Calculus II (4.00)	←	**MATH 31** - Analytic Geometry and Calculus II (4.00)

MATH 240 - Linear Algebra (3.00)	←	**MATH 42** - Linear Algebra (3.00)

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 41** - Physics for Scientists and Engineers I (4.00)
PHYS 201 - General Physics II (4.00)	←	**PHYS 42** - Physics for Scientists and Engineers II (4.00)

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CSU GE Area: B2 - Life Science • *Maximum credit, one course*	←	**BIOL 2** - Introduction to Human Biology (3.00) **BIOL 5** - Ecology and Field Biology (4.00) **AGS 40** - Introduction to Animal Science (3.00) **ANTH 2** - Physical Anthropology (3.00) **PSY 3** - Introduction to Biological Psychology (3.00) **ANTH 2H** - Honors Physical Anthropology (3.00) **AGS 20** - Plant Science (3.00) **BIOL 7** - Sustaining Life on Earth (3.00) **BIOL 20** - Human Anatomy (4.00) **BIOL 9H** - Honors Current Issues in Biology (3.00) **BIOL 10** - Survey of Human Systems (4.00) **BIOL 15** - Introduction to Microbiology (4.00) **BIOL 1** - Introduction to Biology (4.00) **BIOL 21** - Human Physiology (4.00) **BIOL 41** - Cell & Molecular Biology (5.00) **BIOL 9** - Current Issues in Biology (3.00) **BIOL 42** - Organismal Biology (5.00) **BIOL 43** - Ecology and Evolution (5.00)

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PHYS 200 - General Physics I (4.00)	←	**PHYS 41** - Physics for Scientists and Engineers I (4.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	**BIOL 42** - Organismal Biology (5.00) --- And --- **BIOL 43** - Ecology and Evolution (5.00)

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

←   **PSY 3** - Introduction to Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

- *Content credit only*

- *Lower division credit only*

←   **CSCI 22** - 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