Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: California State University, Channel Islands 2022-2023 General Catalog, Semester	From: San Bernardino Valley 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)	←	**CS 190** - Programming in C++ (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	**CS 265** - Data Structures and Algorithms with C++ (3.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	**CS 170** - 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)	←	**MATH 250** - Single Variable Calculus I (4.00)
MATH 151 - Calculus II (4.00)	←	**MATH 251** - Single Variable Calculus II (4.00)

MATH 240 - Linear Algebra (3.00)	←	**MATH 265** - 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)	←	**PHYSIC 202** - Physics I (4.00)
PHYS 201 - General Physics II (4.00)	←	**PHYSIC 203** - Physics II (4.00)

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CSU GE Area: B2 - Life Science • *Maximum credit, one course*	←	**BIOL 104** - Human Ecology (3.00) **ANTHRO 106H** - Biological Anthropology - Honors (3.00) **BIOL 261** - Human Physiology (4.00) **BIOL 251** - Human Anatomy and Physiology II (4.00) **BIOL 141** - Genetics (3.00) **PSYCH 141** - Introduction to Biological Psychology (3.00) **BIOL 155** - Introductory Anatomy and Physiology (4.00) **BIOL 260** - Human Anatomy (4.00) **BIOL 109** - History of Life (4.00) **BIOL 109H** - History of Life - Honors (4.00) **BIOL 206** - Organismal Biology (4.00) **BIOL 207** - Evolutionary Ecology (4.00) **BIOL 205** - Cell and Molecular Biology (4.00) **ANTHRO 106** - Biological Anthropology (3.00) **BIOL 250** - Human Anatomy and Physiology I (4.00) **BIOL 100** - General Biology (4.00) **BIOL 270** - Microbiology (5.00) **BIOL 102** - Human Biology (3.00)

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PHYS 200 - General Physics I (4.00)	←	**PHYSIC 202** - Physics I (4.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	**BIOL 206** - Organismal Biology (4.00) --- And --- **BIOL 207** - Evolutionary Ecology (4.00)

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

← **PSYCH 141** - Introduction to Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

- *Content credit only*

- *Lower division credit only*

← **CS 130** - 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