Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: California State University, Channel Islands **2022-2023 General Catalog, Semester**	**From: Victor 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)	←	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 208** - 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 226** - Analytic Geometry and Calculus I (4.00)
		--- Or ---
		MATH 226H - Honors Analytic Geometry and Calculus I (4.00)
MATH 151 - Calculus II (4.00)	←	**MATH 227** - Analytic Geometry and Calculus II (4.00)
		--- Or ---
		MATH 227H - Honors Analytic Geometry and Calculus II (4.00)

MATH 240 - Linear Algebra (3.00)	←	**MATH 231** - 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 201** - Engineering Physics (Mechanics of Solids) (4.00)
		--- And ---
		PHYS 202 - Engineering Physics (Mechanics of Fluids, Heat and Sound) (4.00)
PHYS 201 - General Physics II (4.00)	←	**PHYS 203** - Engineering Physics (Electricity and Magnetism) (4.00)

--- And ---

CSU GE Area: B2 - Life Science • *Maximum credit, one course*	←	**ANTH 101** - Introduction to Physical Anthropology (3.00) **BIOL 118** - Principles of Heredity (4.00) **PSYC 109** - Biopsychology (3.00) **BIOL 114** - Introduction to Ecology (3.00) **BIOL 100** - General Biology (4.00) **BIOL 203** - Population and Environmental Biology (4.00) **BIOL 231** - Human Physiology (5.00) **BIOL 211** - Human Anatomy (5.00) **BIOL 221** - General Microbiology (5.00) **BIOL 201** - Biology of Cells (5.00) **BIOL 202** - Biology of Organisms (5.00) **AGNR 123** - Introduction to Plant Science (4.00) **BIOL 107** - Introduction to Human Biology (4.00)

--- Or ---

PHYS 200 - General Physics I (4.00)	←	**PHYS 201** - Engineering Physics (Mechanics of Solids) (4.00) --- And --- **PHYS 202** - Engineering Physics (Mechanics of Fluids, Heat and Sound) (4.00)
BIOL 200 - Principles of Organismal and Population Biology (4.00)	←	No Course Articulated
BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212	←	**PSYC 109** - Biopsychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00) • *Content credit only* • *Lower division credit only*	←	**CIS 264** - 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