Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: California State University, Channel Islands **2022-2023 General Catalog, Semester**	**From: Sacramento City 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)	← **CISP 400** - Object Oriented Programming with C++ (4.00)
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	CISP 401 - Object Oriented Programming with Java (4.00)
COMP 151 - Data Structures and Program Design (4.00)	← **CISP 430** - Data Structures (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	← **CISP 310** - Assembly Language Programming for Microcomputers (4.00)
COMP 232 - Programming Languages (3.00)	← No Course Articulated
COMP 262 - Computer Organization and Architecture (3.00)	← No Course Articulated

MATH 150 - Calculus I (4.00)	← **MATH 400** - Calculus I (5.00)
MATH 151 - Calculus II (4.00)	← **MATH 401** - Calculus II (5.00)

MATH 240 - Linear Algebra (3.00)	← **MATH 410** - Introduction to 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 410** - Mechanics of Solids and Fluids (5.00)
PHYS 201 - General Physics II (4.00)	← **PHYS 420** - Electricity and Magnetism (5.00)

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CSU GE Area: B2 - Life Science • *Maximum credit, one course*	← **BIOL 332** - Introduction to Ornithology (4.00) **ANTH 300** - Biological Anthropology (3.00) **PSYC 310** - Biological Psychology (3.00) **ANTH 480** - Honors Biological Anthropology (3.00) **BIOL 308** - Contemporary Biology (3.00) **BIOL 434** - Pathology: The Study of Disease (3.00) **BIOL 314** - Dinosaurs and the Science of Life (3.00) **BIOL 350** - Environmental Biology (3.00) **BIOL 351** - Global Climate Change (3.00) **BIOL 326** - Ethnobotany (3.00) **BIOL 305** - Natural History (4.00) **BIOL 431** - Anatomy and Physiology (5.00) **BIOL 440** - General Microbiology (4.00) **BIOL 430** - Anatomy and Physiology (5.00) **BIOL 370** - Marine Biology (4.00) **BIOL 402** - Cell and Molecular Biology (5.00) **BIOL 422** - Animal Biology (5.00) **BIOL 412** - Plant Biology (5.00) **BIOL 342** - The New Plagues: New and Ancient Infectious Diseases Threatening World Health (3.00) **BIOL 352** - Conservation Biology (3.00) **BIOL 349** - Applied Microbiology: Scientific Literacy through Practical Uses of Microbiology (3.00) **BIOL 310** - General Biology (4.00)

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PHYS 200 - General Physics I (4.00)	←	**PHYS 410** - Mechanics of Solids and Fluids (5.00)
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 310** - Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00) • *Content credit only* • *Lower division credit only*	←	**CISP 440** - Discrete Structures for Computer Science (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