

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Cosumnes River 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)	←	CISP 400 - Object Oriented Programming with C++ (4.00) --- Or --- 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 on Microcomputers (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 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)
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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 411 - Mechanics of Solids and Fluids (4.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 421 - 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 300 - Biological Anthropology (3.00) BIOL 300 - The Foundations of Biology (3.00) ANTH 303 - Introduction to Forensic Anthropology (3.00) BIOL 350 - Environmental Biology (3.00) BIOL 342 - The New Plagues: New and Ancient Infectious Diseases Threatening World Health (3.00) BIOL 352 - Conservation Biology (3.00) PSYC 312 - Biological Psychology (4.00) HONOR 385 - Honors Seminar in Genetics (3.00) Same-As: BIOL 485 BIOL 410 - Principles of Botany (5.00) BIOL 431 - Anatomy and Physiology (5.00) BIOL 420 - Principles of Zoology (5.00) BIOL 400 - Principles of Biology (5.00) BIOL 307 - Biology of Organisms (4.00) BIOL 310 - General Biology (4.00) BIOL 440 - General Microbiology (4.00) BIOL 430 - Anatomy and Physiology (5.00) BIOL 308 - Contemporary Biology (3.00)

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PHYS 200 - General Physics I (4.00)	←	PHYS 411 - Mechanics of Solids and Fluids (4.00)

BIOL 200 - Principles of Organismal and Population Biology (4.00)



BIOL 410 - Principles of Botany (5.00)

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BIOL 420 - Principles of Zoology (5.00)

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



PSYC 312 - Biological Psychology (4.00)

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