

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Las Positas 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)



CS 1 - Computing Fundamentals I (4.00)

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CS 2 - Computing Fundamentals II (4.00)

COMP 151 - Data Structures and Program Design (4.00)



No Comparable Course

COMP 162 - Computer Architecture and Assembly Language (3.00)



CS 21 - Computer Organization and Assembly Language Programming (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 1 - Calculus I (5.00)

MATH 151 - Calculus II (4.00)



MATH 2 - Calculus II (5.00)

MATH 240 - Linear Algebra (3.00)



MATH 7 - Elementary Linear Algebra (3.50)

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 1A - General Physics I (5.00)

PHYS 201 - General Physics II (4.00)



PHYS 1C - General Physics III (5.00)

--- And ---

CSU GE Area: B2 - Life Science

- Maximum credit, one course



BIO 40 - Humans and the Environment (3.00)

BIO 20 - Contemporary Human Biology (3.00)

BIO 70 - Field Biology (3.00)

ANTR 13 - Introduction to Forensic Anthropology (3.00)

ANTR 1 - Biological Anthropology (3.00)

BIO 60 - Marine Biology (4.00)

BIO 30 - Introduction to College Biology (4.00)

BIO 10 - Introduction to the Science of Biology (4.00)

BIO 1B - General Zoology (5.00)

BIO 7A - Human Anatomy (5.00)

BIO 50 - Anatomy and Physiology (4.00)

BIO 1A - General Botany (5.00)

BIO 7B - Human Physiology (5.00)

BIO 1C - Cell and Molecular Biology (5.00)

BIO 7C - Microbiology (5.00)

PSYC 4 - Brain, Mind and Behavior (3.00)

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PHYS 200 - General Physics I (4.00)



PHYS 1A - General Physics I (5.00)

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



BIO 1A - General Botany (5.00)

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BIO 1B - General Zoology (5.00)

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



PSYC 4 - Brain, Mind and Behavior (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

- *Content credit only*
- *Lower division credit only*



CS 17 - Discrete Mathematical Structures (4.00)

Same-As: MATH 10

- *Course is an approved substitute for Computer Science majors only*
- *Course is an approved substitute for Information Technology majors only*

--- Or ---

MATH 10 - Discrete Mathematical Structures (4.00)

Same-As: CS 17

- *Course is an approved substitute for Computer Science majors only*
- *Course is an approved substitute for Information Technology majors only*

END OF AGREEMENT