

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: College of the Sequoias
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

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| COMP 150 - Object-oriented Programming (4.00) | ← | CSCI 001 - Programming Concepts/Method 1 (4.00) |
| COMP 151 - Data Structures and Program Design (4.00) | ← | CSCI 002 - Programming Concepts/Method 2 (4.00) |
| COMP 162 - Computer Architecture and Assembly Language (3.00) | ← | CSCI 005 - Computer Arch & Organization (3.00) |
| COMP 232 - Programming Languages (3.00) | ← | No Comparable Course |
| COMP 262 - Computer Organization and Architecture (3.00) | ← | No Comparable Course |

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|--------------------------------------|---|-------------------------------------|
| MATH 150 - Calculus I (4.00) | ← | MATH 065 - Calculus 1 (4.00) |
| MATH 151 - Calculus II (4.00) | ← | MATH 066 - Calculus 2 (4.00) |

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| MATH 240 - Linear Algebra (3.00) | ← | MATH 080 - Linear Algebra (4.00) |
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SCIENCE

Select 1 Sequence(s) from the following

Please refer to additional important General Information section above

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|---|---|---|
| PHYS 200 - General Physics I (4.00) | ← | PHYS 055 - Physics 1: Mechanics & Waves (4.00) |
| PHYS 201 - General Physics II (4.00) | ← | PHYS 056 - Physics 2: E&M and Heat (4.00) |

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| CSU GE Area: B2 - Life Science <ul style="list-style-type: none">Maximum credit, one course | ← | PLSI 001 - Intro to Plant Science (3.00) BIOL 025 - Human Ecology (3.00) BIOL 022 - Animal Biology (3.00) ANTH 011 - Biological Anthropology (3.00) AG 002 - Environmental Conservation (3.00) BIOL 031 - Human Physiology (4.00) BIOL 040 - General Microbiology (4.00) BIOL 020 - Frontiers in Biology (4.00) BIOL 002 - Principles of Biology 2 (5.00) BIOL 021 - Plant Biology (3.00) BIOL 030 - Human Anatomy (4.00) BIOL 001 - Principles of Biology 1 (5.00) |
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|---|---|---|
| PHYS 200 - General Physics I (4.00) | ← | PHYS 055 - Physics 1: Mechanics & Waves (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 | ← | No Comparable Course |

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CSCI 006 - 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