

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Compton 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

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| COMP 150 - Object-oriented Programming (4.00) | ← | CSCI 103 - Computer Programming in Java (4.00) |
| COMP 151 - Data Structures and Program Design (4.00) | ← | No Comparable Course |
| COMP 162 - Computer Architecture and Assembly Language (3.00) | ← | No Comparable Course |
| 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 190 - Single Variable Calculus and Analytic Geometry I (5.00) |
| MATH 151 - Calculus II (4.00) | ← | MATH 191 - Single Variable Calculus and Analytic Geometry II (5.00) |

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| MATH 240 - Linear Algebra (3.00) | ← | No Comparable Course |
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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 150 - Mechanics of Solids (4.00) |
| PHYS 201 - General Physics II (4.00) | ← | PHYS 250 - Electricity and Magnetism (4.00) |

--- And ---

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| CSU GE Area: B2 - Life Science <ul style="list-style-type: none">Maximum credit, one course | ← | BIOL 115 - Environmental Aspects of Biology (3.00) BIOL 103 - Fundamentals of Molecular Biology (3.00) PSYC 107 - Physiological Psychology (3.00) ANAT 132 - General Human Anatomy (4.00) ANAT 130 - Essentials of Anatomy and Physiology (4.00) BIOL 101 - Principles of Biology I (5.00) BIOL 117 - Marine Biology (3.00) BIOL 100H - Honors Fundamentals of Biology (4.00) APHY 134 - Anatomy and Physiology I (4.00) APHY 135 - Anatomy and Physiology II (4.00) ANTH 101 - Introduction to Physical Anthropology (3.00) BIOL 100 - Fundamentals of Biology (4.00) PHYO 131 - Human Physiology (4.00) MICR 133 - General Microbiology (5.00) BIOL 102 - Principles of Biology II (5.00) BIOL 101H - Honors Principles of Biology I (5.00) BIOL 102H - Honors Principles of Biology II (5.00) BTEC 101 - Introduction to Biotechnology (4.00) |
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--- Or ---

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|--|---|--|
| PHYS 200 - General Physics I (4.00) | ← | PHYS 150 - Mechanics of Solids (4.00) |
| BIOL 200 - Principles of Organismal and Population Biology (4.00) | ← | BIOL 101 - Principles of Biology I (5.00) --- And --- BIOL 102 - Principles of Biology II (5.00) |

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

← **PSYC 107** - Physiological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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

← **MATH 210** - Introduction to Discrete Structures (5.00)

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

END OF AGREEMENT