

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Palomar 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)	←	CSCI 112 - Programming Fundamentals I (4.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CSCI 210 - Data Structures (4.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CSCI 212 - Machine Organization and Assembly Language (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 140 - Calculus with Analytic Geometry, First Course (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 141 - Calculus with Analytic Geometry, Second Course (4.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 200 - 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 200 - Fundamentals of Physics (5.00) --- Or --- PHYS 230 - Principles of Physics (5.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 201 - Fundamentals of Physics (5.00) --- Or --- PHYS 231 - Principles of Physics (5.00)

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CSU GE Area: B2 - Life Science <ul style="list-style-type: none">Maximum credit, one course	←	BIOL 141 - Introductory Biology: Zoology (Lecture) (3.00) BIOL 126 - Introductory Biology: Botany (3.00) BIOL 118 - Introductory Biology: Ecology (Lecture) (3.00) ANTH 100 - Introduction to Biological Anthropology (3.00) BIOL 110 - Human Genetics (3.00) BIOL 102 - Introductory Biology: Pre-Nursing and Allied Health (4.00) BIOL 114 - Introductory Biology: Ecosystems (Lecture) (3.00) BIOL 200 - Foundations of Biology I (5.00) BIOL 140 - Introductory Biology: Zoology (4.00) BIOL 100 - Introductory Biology: General Biology (4.00) BIOL 201 - Foundations of Biology II (5.00) BIOL 212 - Fundamentals of Microbiology (4.00) BIOL 210 - Anatomy (4.00) PSYC 210 - Physiological Psychology (4.00) BIOL 211 - Physiology (4.00) ANTH 101 - Introduction to Biological Anthropology (4.00) BIOL 120 - Animal Behavior (3.00) BIOL 145 - Introduction to Anatomy and Physiology (3.00) BIOL 131 - Introductory Biology: Marine Biology (Lecture) (3.00) BIOL 101 - General Biology - Lecture (3.00) BIOL 130 - Introductory Biology: Marine Biology (4.00) BIOL 125 - Introductory Biology: Botany (4.00) BIOL 135 - Biology of Marine Mammals (3.00)
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PHYS 200 - General Physics I (4.00)



PHYS 200 - Fundamentals of Physics (5.00)

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PHYS 230 - Principles of Physics (5.00)

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



BIOL 201 - Foundations of Biology II (5.00)

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



PSYC 210 - Physiological Psychology (4.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



MATH 245 - Discrete Mathematics (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