

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Mt. San Jacinto 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)	←	CSIS- 113A - C++ Programming - Level 1 (3.00) --- Or --- CSIS- 113B - Java Programming - Level 1 (3.00) --- Or --- CSIS- 113C - C# Programming - Level 1 (3.00)
COMP 151 - Data Structures and Program Design (4.00)	←	CSIS- 123A - C++ Programming - Level 2 (3.00) --- And --- CSIS- 211 - Introduction to Data Structures and Algorithms (3.00) --- Or --- CSIS- 123B - Java Programming - Level 2 (3.00) --- And --- CSIS- 211 - Introduction to Data Structures and Algorithms (3.00) --- Or --- CSIS- 123C - C# Programming - Level 2 (3.00) --- And --- CSIS- 211 - Introduction to Data Structures and Algorithms (3.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CSIS- 118B - Computer Organization & Assembly Language (3.00)
COMP 232 - Programming Languages (3.00)	←	No Course Articulated
COMP 262 - Computer Organization and Architecture (3.00)	←	No Course Articulated

MATH 150 - Calculus I (4.00)	←	MATH- 211 - Analytic Geometry and Calculus I (4.00)
MATH 151 - Calculus II (4.00)	←	MATH- 212 - Analytic Geometry and Calculus II (4.00) --- Or --- MATH- 212H - Honors Analytic Geometry and Calculus II (4.00)

MATH 240 - Linear Algebra (3.00)	←	MATH- 218 - 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)	←	PHY- 201 - Mechanics and Wave Motion (4.00)
PHYS 201 - General Physics II (4.00)	←	PHY- 202 - Electricity and Magnetism (4.00) --- Or --- PHY- 202H - Honors Electricity and Magnetism (4.00)

--- And ---

CSU GE Area: B2 - Life Science

- *Maximum credit, one course*



BIOL- 115 - Introductory Topics in Biology: Cells to Ecosystems (4.00)
ANTH- 101 - Physical Anthropology (3.00)
ANTH- 101H - Honors Physical Anthropology (3.00)
BIOL- 134 - Human Heredity and Evolution (3.00)
BIOL- 117 - Conservation Biology (3.00)
BIOL- 146 - Biodiversity (3.00)
PSYC- 107H - Honors Psychobiology (3.00)
BIOL- 100 - Human Biology (4.00)
ANAT- 102 - Human Anatomy & Physiology II (4.00)
ANAT- 101 - Human Anatomy & Physiology I (4.00)
BIOL- 130 - Marine Biology (4.00)
BIOL- 125 - Microbiology (4.00)
BIOL- 151H - Honors General Biology II (4.00)
BIOL- 125H - Honors Microbiology (4.00)
BIOL- 131 - Genes and Biotechnology in Society (4.00)
BIOL- 150H - Honors General Biology I (4.00)
BIOL- 150 - General Biology I (4.00)
BIOL- 140 - Ecology (4.00)
BIOL- 115H - Honors Introductory Topics in Biology: Cells to Ecosystems (4.00)
BIOL- 144 - Plant Biology (4.00)
BIOL- 131H - Honors Genes and Biotechnology in Society (4.00)
BIOL- 151 - General Biology II (4.00)
BIOL- 100H - Honors Human Biology (4.00)
BIOL- 144H - Honors Plant Biology (4.00)

--- Or ---

PHYS 200 - General Physics I (4.00)



PHY- 201 - Mechanics and Wave Motion (4.00)

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



BIOL- 151 - General Biology II (4.00)

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BIOL- 151H - Honors General Biology II (4.00)

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



PSYC- 107 - Psychobiology (3.00)

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PSYC- 107H - Honors Psychobiology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)



CSIS- 213 - Discrete Structures (3.00)

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

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

END OF AGREEMENT