

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Irvine Valley 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)	←	No Comparable Course
COMP 151 - Data Structures and Program Design (4.00)	←	CS 41 - Data Structures (3.00)
COMP 162 - Computer Architecture and Assembly Language (3.00)	←	CS 40A - Computer Organization and Assembly Language I (3.00)
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 3A - Analytic Geometry and Calculus I (5.00) --- Or --- MATH 3AH - Analytic Geometry and Calculus I Honors (5.00)
MATH 151 - Calculus II (4.00)	←	MATH 3B - Analytic Geometry and Calculus II (5.00) --- Or --- MATH 3BH - Analytic Geometry and Calculus II Honors (5.00)

MATH 240 - Linear Algebra (3.00)	←	MATH 26 - Introduction to 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

PHYS 200 - General Physics I (4.00)	←	PHYS 4A - General Physics (4.00)
PHYS 201 - General Physics II (4.00)	←	PHYS 4B - General Physics (4.00)

--- And ---

CSU GE Area: B2 - Life Science

- *Maximum credit, one course*



BIO 82 - Genetics (4.00)
BIO 83 - Biochemistry and Molecular Biology (4.00)
BIO 30 - California Wildlife and Wildlands (3.00)
BIO 12 - Human Physiology (4.00)
BIO 80 - Integrated Biology: Organisms to Ecosystems (4.00)
BIO 1 - The Life Sciences (3.00)
BIO 43 - Being an Animal: The Science of Animal Behavior (3.00)
BIO 32 - Microorganisms and You: Allies or Enemies (4.00)
BIO 55 - Introduction to Ecology: Theory and Application (3.00)
BIO 3 - Humans and the Biological World (3.00)
BIOT 70 - Introduction to Biotechnology (3.00)
BIO 2 - Plant Biology (4.00)
BIO 5 - Animal Biology (4.00)
BIO 71 - Stem Cells and Society (3.00)
BIO 1H - The Life Sciences Honors (3.00)
BIO 72 - Human Genetics and Medicine (3.00)
PSYC 3H - Physiological Psychology Honors (3.00)
ANTH 1H - Introduction to Physical Anthropology Honors (3.00)
BIO 81 - Integrated Biology: From DNA to Organisms (4.00)
BIO 19H - Marine Biology Honors (4.00)
MS 20 - Introduction to Oceanography (4.00)
BIO 11 - Human Anatomy (4.00)
BIO 21 - Human Anatomy and Physiology (4.00)
BIO 15 - General Microbiology (5.00)
BIO 19 - Marine Biology (4.00)
BIO 16 - Cellular Biology (4.00)
ANTH 1 - Introduction to Physical Anthropology (3.00)
PSYC 3 - Physiological Psychology (3.00)
BIO 80H - Integrated Biology: Organisms to Ecosystems Honors (4.00)
BIO 81H - Integrated Biology: From DNA to Organisms Honors (4.00)

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PHYS 200 - General Physics I (4.00)

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

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



PHYS 4A - General Physics (4.00)



BIO 80 - Integrated Biology: Organisms to Ecosystems (4.00)

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BIO 80H - Integrated Biology: Organisms to Ecosystems Honors (4.00)



PSYC 3 - Physiological Psychology (3.00)

--- Or ---

PSYC 3H - Physiological Psychology Honors (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CS 6A - Computer Discrete Mathematics I (3.00)

Same-As: MATH 30

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

--- Or ---

MATH 30 - Computer Discrete Mathematics I (3.00)

Same-As: CS 6A

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

END OF AGREEMENT