

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Hartnell 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) | ← | CSS 2A - Object Oriented Programming (4.00) |
| COMP 151 - Data Structures and Program Design (4.00) | ← | CSS 2B - Data Structures and Algorithms (4.00) |
| COMP 162 - Computer Architecture and Assembly Language (3.00) | ← | CSS 3 - Computer Architecture and Assembly Language Programming (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) | ← | MAT 3A - Analytic Geometry and Calculus I (4.00) |
| MATH 151 - Calculus II (4.00) | ← | MAT 3B - Analytic Geometry and Calculus II (4.00) |

| | | |
|---|---|--------------------------------------|
| MATH 240 - Linear Algebra (3.00) | ← | MAT 4 - Linear Algebra (3.00) |
|---|---|--------------------------------------|

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 4A - General Physics I/ Mechanics (4.00) |
| PHYS 201 - General Physics II (4.00) | ← | PHY 4B - General Physics II/ Electricity and Magnetism (4.00) |

--- And ---

CSU GE Area: B2 - Life Science
• Maximum credit, one course

| | |
|---|--|
| ← | BIO 47 - Ecology (4.00) |
| | BIO 48 - Environmental Science (3.00) |
| | BIO 6 - Introductory Physiology (3.00) |
| | BIO 20 - Field Biology/Natural Science (4.00) |
| | ANT 1 - Introduction to Biological Anthropology (3.00) |
| | ABT 92 - Plant Science (3.00) |
| | PSY 10 - Introduction to Biological Psychology (3.00) |
| | BIO 5 - Human Anatomy (4.00) |
| | BIO 27 - Principles of Microbiology (4.00) |
| | BIO 3 - General Botany (5.00) |
| | BIO 30 - Marine Biology (4.00) |
| | BIO 42 - Human Biology (3.00) |
| | BIO 12 - Introduction to Genetics (3.00) |
| | BIO 18 - Introduction to Pathophysiology (3.00) |
| | BIO 10 - General Biology (4.00) |
| | BIO 11 - Introductory Human Anatomy and Physiology (4.00) |
| | BIO 1 - Fundamental Biological Concepts (5.00) |
| | BIO 2 - General Zoology (5.00) |

--- Or ---

| | | |
|--|---|---|
| PHYS 200 - General Physics I (4.00) | ← | PHY 4A - General Physics I/ Mechanics (4.00) |
| BIOL 200 - Principles of Organismal and Population Biology (4.00) | ← | |

BIO 2 - General Zoology (5.00)

--- And ---

BIO 3 - General Botany (5.00)

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



PSY 10 - Introduction to Biological Psychology (3.00)

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CSS 7 - Discrete Structures (4.00)

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

END OF AGREEMENT