

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Modesto Junior 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 271 - Problem Solving and Programming 1 (3.00) |
| COMP 151 - Data Structures and Program Design (4.00) | ← | CSCI 272 - Problem Solving and Programming 2 (3.00) |
| COMP 162 - Computer Architecture and Assembly Language (3.00) | ← | CSCI 273 - Assembly Language Programming (3.00) |
| 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 171 - Calculus: First Course (5.00) |
| MATH 151 - Calculus II (4.00) | ← | MATH 172 - Calculus: Second Course (4.00) |

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| MATH 240 - Linear Algebra (3.00) | ← | MATH 191 - 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

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|---|---|--|
| PHYS 200 - General Physics I (4.00) | ← | PHYS 101 - General Physics: Mechanics (4.00) |
| PHYS 201 - General Physics II (4.00) | ← | PHYS 103 - General Physics: Electricity, Magnetism, & Modern Physics (4.00) |

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

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| ← | PSYCH 103 - Introduction to Neuroscience (3.00) |
| | BIO 140 - Introduction to Marine Biology (4.00) |
| | BIO 115 - Genetics, Evolution and Society (3.00) |
| | PLSC 200 - Introduction to Plant Science (3.00) |
| | ANSC 200 - Introduction to Animal Science (3.00) |
| | BOT 110 - Plant Biology (3.00) |
| | ZOOL 101 - General Zoology (4.00) |
| | BIO 114 - General Ecology (4.00) |
| | ANAT 125 - Human Anatomy (4.00) |
| | MICRO 101 - Microbiology (4.00) |
| | PHYSO 101 - Introductory Human Physiology (4.00) |
| | BIO 111 - General Biology (4.00) |
| | BIO 145 - Introduction to Fresh Water Biology (4.00) |
| | BIO 101 - Biological Principles (4.00) |
| | BIO 116 - Biology: A Human Perspective (4.00) |
| | ANTHR 101 - Biological Anthropology (3.00) |
| | ENSCI 108 - Environmental Conservation (3.00) |
| | BOT 101 - General Botany (4.00) |
| | ANTHR 110 - Biological Anthropology with Laboratory (4.00) |

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|---|---|--|
| PHYS 200 - General Physics I (4.00) | ← | PHYS 101 - General Physics: Mechanics (4.00) |
| BIOL 200 - Principles of Organismal and Population Biology (4.00) | ← | No Comparable Course |
| BIOL 212 - Neurobiology and Cognitive Science (3.00) Same-As: PSY 212 | ← | PSYCH 103 - Introduction to Neuroscience (3.00) |

UPPER DIVISION REQUIREMENTS

MATH 300 - Discrete Mathematics (3.00)

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



CSCI 204 - Discrete Structures for Computer Science (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