

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: San Diego State University
2022-2023 General Catalog, Semester

From: MiraCosta College
2022-2023 General Catalog, Semester

Computer Science

Due to high demand, admission to SDSU is highly competitive. General admission information is available at:

<http://arweb.sdsu.edu/es/admissions/transfers/index.html>

GENERAL INFORMATION-DEGREE NOTES

Preparation for Major courses must be completed with a grade of C (2.0) or better and cannot be taken for credit/no credit (Cr/NC).

PREPARATION FOR THE MAJOR

CS 150 - Introduction to Computer Programming (3.00) ← **CS 111** - Introduction to Computer Science I: Java (3.00)

--- Or ---

CS 150 - C++ Programming (3.00)

- Acceptable substitute

--- And ---

CS 150L - Introductory Computer Programming Laboratory (1.00) ← No Course Articulated

--- And ---

CS 160 - Intermediate Computer Programming (3.00) ← **CS 113** - Basic Data Structures and Algorithms (3.00)

--- And ---

CS 160L - Intermediate Computer Programming Laboratory (1.00) ← No Course Articulated

CS 210 - Data Structures (3.00) ← No Course Articulated

CS 240 - Computer Organization (3.00) ← **CS 220** - Computer Architecture and Assembly Language (3.00)

CS 250 - Introduction to Software Systems (3.00) ← No Course Articulated

MATH 150 - Calculus I (4.00) ← **MATH 150** - Calculus and Analytic Geometry I (5.00)

--- Or ---

MATH 150H - Calculus and Analytic Geometry I (Honors) (5.00)

--- And ---

MATH 151 - Calculus II (4.00) ← **MATH 155** - Calculus and Analytic Geometry II (4.00)

--- Or ---

MATH 155H - Calculus and Analytical Geometry II (Honors) (4.00)

MATH 245 - Discrete Mathematics (3.00) ← **MATH 226** - Discrete Mathematics (4.00)

--- Or ---

MATH 226H - Discrete Mathematics (Honors) (4.00)

--- Or ---

CS 226 - Discrete Structures (4.00)

MATH 254 - Introduction to Linear Algebra (3.00) ← **MATH 270** - Linear Algebra (4.00)

--- Or ---

MATH 270H - Linear Algebra (Honors) (4.00)

STAT 250 - Statistical Principles and Practices (3.00)



BTEC 180 - Biostatistics (4.00)

--- Or ---

BUS 204 - Business Statistics (3.00)

--- Or ---

BUS 204H - Business Statistics (Honors) (3.00)

--- Or ---

PSYC 104 - Statistics for Behavioral Science (4.00)

--- Or ---

PSYC 104H - Statistics for Behavioral Science (Honors) (4.00)

--- Or ---

SOC 125 - Introduction to Statistics in Sociology (4.00)

PHYS 195 - Principles of Physics (3.00)

--- And ---

PHYS 195L - Principles of Physics Laboratory (1.00)



PHYS 151 - Principles of Physics I (4.00)

--- Or ---

PHYS 151H - Principles of Physics I (Honors) (4.00)

PHYS 196 - Principles of Physics (3.00)

--- And ---

PHYS 196L - Principles of Physics Laboratory (1.00)



PHYS 152 - Principles of Physics II (4.00)

--- Or ---

PHYS 152H - Principles of Physics II (Honors) (4.00)

END OF AGREEMENT