

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

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

From: Southwestern 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)

--- And ---

CS 150L - Introductory Computer Programming Laboratory (1.00)

← **MATH 130** - Introduction to Computer Programming (4.00)

CS 160 - Intermediate Computer Programming (3.00)

--- And ---

CS 160L - Intermediate Computer Programming Laboratory (1.00)

← **MATH 140** - Data Structures and Algorithms (4.00)

CS 210 - Data Structures (3.00)

← No Course Articulated

CS 240 - Computer Organization (3.00)

← **MATH 230** - Computer Organization and Architecture (4.00)

CS 250 - Introduction to Software Systems (3.00)

← No Course Articulated

MATH 150 - Calculus I (4.00)

← **MATH 250** - Analytic Geometry and Calculus I (5.00)

--- And ---

MATH 151 - Calculus II (4.00)

← **MATH 251** - Analytic Geometry and Calculus II (4.00)

MATH 245 - Discrete Mathematics (3.00)

← **MATH 260** - Discrete Mathematics (3.00)

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MATH 265 - Discrete Structures (3.00)

- Acceptable substitute

MATH 254 - Introduction to Linear Algebra (3.00)

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

STAT 250 - Statistical Principles and Practices (3.00)

← **MATH 119** - Elementary Statistics (4.00)

--- Or ---

BIOL 215 - Biostatistics (3.00)

--- Or ---

PSYC 280 - Statistical Methods for the Behavioral Sciences (4.00)
Same-As: SOC 280

PHYS 195 - Principles of Physics (3.00)

← **PHYS 270** - Principles of Physics I (3.00)

--- And ---

PHYS 195L - Principles of Physics Laboratory (1.00)

← **PHYS 271** - Principles of Physics Laboratory I (1.00)

--- And ---

PHYS 196 - Principles of Physics (3.00)	←	PHYS 272 - Principles of Physics II (3.00)
--- And ---		
PHYS 196L - Principles of Physics Laboratory (1.00)	←	PHYS 273 - Principles of Physics Laboratory II (1.00)
--- Or ---		

END OF AGREEMENT