Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: San Diego State University 2022-2023 General Catalog, Semester	From: Grossmont 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)	← **CSIS 250** - Introduction to Python Programming (4.00) --- Or --- **CSIS 293** - Introduction to Java Programming (4.00) --- Or --- **CSIS 296** - Introduction to C++ Programming (4.00) • *Acceptable substitute*
CS 160 - Intermediate Computer Programming (3.00) --- And --- **CS 160L** - Intermediate Computer Programming Laboratory (1.00)	← **CSIS 251** - Intermediate Python Programming and Fundamental Structures (4.00) --- Or --- **CSIS 294** - Intermediate Java Programming and Fundamental Data Structures (4.00) --- Or --- **CSIS 297** - Intermediate C++ Programming (4.00) • *Acceptable substitute*
CS 210 - Data Structures (3.00)	← Course(s) Denied: CSIS 251;CSIS 294;
CS 240 - Computer Organization (3.00)	← **CSIS 165** - Assembly Language and Machine Architecture (4.00)
CS 250 - Introduction to Software Systems (3.00)	← No Course Articulated

MATH 150 - Calculus I (4.00)	← **MATH 180** - Analytic Geometry and Calculus I (5.00)
--- And ---	
MATH 151 - Calculus II (4.00)	← **MATH 280** - Analytic Geometry and Calculus II (4.00)

MATH 245 - Discrete Mathematics (3.00)	← **MATH 245** - Discrete Math (3.00) --- Or --- **CSIS 240** - Discrete Structures (3.00)
MATH 254 - Introduction to Linear Algebra (3.00)	← **MATH 284** - Linear Algebra (3.00)
STAT 250 - Statistical Principles and Practices (3.00)	← **ANTH 215** - Statistics for the Behavioral Sciences (4.00) Same-As: PSY 215, SOC 215 --- Or --- **BIO 215** - Statistics for Life Sciences (3.00)

PHYS 195 - Principles of Physics (3.00) --- And --- **PHYS 195L** - Principles of Physics Laboratory (1.00)	← **PHYC 140** - Mechanics of Solids (4.00) --- Or --- **PHYC 201** - Mechanics and Waves (5.00)

PHYS 196 - Principles of Physics (3.00)

--- And ---

PHYS 196L - Principles of Physics Laboratory (1.00)

←

PHYC 202 - Electricity, Magnetism, and Heat (5.00)

--- Or ---

PHYC 240 - Electricity, Magnetism and Heat (4.00)

END OF AGREEMENT