Articulation Agreement by Major

Effective during the 2021-2022 Academic Year

To: California State University, Sacramento 2021-2022 General Catalog, Semester	From: Diablo Valley College 2021-2022 General Catalog, Semester

Computer Science, BS

PROGRAM OVERVIEW

The Bachelor of Science in Computer Science requires a minimum of 120 semester units including major requirements, general education requirements, and graduation requirements. This articulation agreement includes only the lower-division courses required in the major. For additional information on the remaining requirements necessary for completion of this degree, please see our **university catalog**.

DEPARTMENT COMMENTS

1. The Computer Science curriculum was revised effective Fall 2021 (2021-2022 catalog) - see "**New Catalog FAQ's**" for additional information.
2. Students must earn a "C-" grade or higher in all courses required in the major.
3. All students who are offered admission to the university are admitted as pre-Computer Science majors. To change to the Computer Science major, students who have completed the following lower-division pre-major requirements are required to complete and submit a Change of Major form to the Computer Science Department Office along with transcript copies of: CSC 15, 20, 28, 35; MATH 30, 31; and PHYS 11A.
4. Students may repeat a Computer Science course once at most without permission. Additional repeats must be approved by the instructor and the Department Chair by completing a "Request to Repeat" petition and submitting it to the Department.
5. Students considering graduate school or an Engineering Major should take: PHYS 11C.
6. Students considering a math or statistics minor should take: STAT 50.
7. **Foreign Language Graduation Requirement Exemption**: Students graduating with a Bachelor of Science Computer Science will not be subject to the University's Foreign Language Graduation Requirement. Students who change major may be subject to the University's Foreign Language Graduation Requirement.
8. For additional information, please visit: **Department of Computer Science**.

UNIVERSITY ADMISSION REQUIREMENTS

University Admission Eligibility Requirements for Transfer Students:

1. Be in "Good Standing" at the last college or university attended.
2. Have a minimum overall college GPA of 2.0 if you are within our **local service area**. If you are outside of our local service area, the academic characteristics of the transfer applicant pool will determine the GPA minimum.
3. Complete, with a "C-" or higher, the following "Golden 4" courses:
   - A1 - Oral Communication
   - A2 - Written Communication
   - A3 - Critical Thinking
   - B4 - Quantitative Reasoning (Mathematics above Intermediate Algebra)
4. Complete at least 30 units in General Education coursework. General Education requirements may be satisfied by completing the CSU General Education Breadth Certification pattern (CSU GE-B), the Intersegmental General Education Transfer Curriculum (IGETC), or by completing an Associate Degree for Transfer (ADT). Transfer students are encouraged to complete as many lower-division general education requirements as possible prior to transfer.
5. Complete at least 60 transferable semester or 90 quarter units, including the above courses.

All admission requirements, including the "Golden 4" courses, must be completed no later than the prior Spring term for Fall admission, and no later than the prior Summer term for Spring admission*.

***Spring 2022 Admission Update**: Due to the ongoing COVID-19 pandemic, transfer students may have admission requirements in progress during the Fall 2021 semester when applying for Spring 2022 admission, with the exception of A2 (Written Communication) and B4 (Quantitative Reasoning). The A2 and B4 admission requirements must be completed no later than Summer 2021 for Spring 2022 admission.*

For additional information and updates, please visit: **Transfer Student Admission**.

CONTACT INFORMATION

articulation@csus.edu

LOWER DIVISION MAJOR PREPARATION COURSES

CSC 15 - Programming Concepts and Methodology I (3.00)	←	**COMSC 255** - Programming with JAVA (4.00)
CSC 20 - Programming Concepts and Methodology II (3.00)	←	**COMSC 210** - Program Design and Data Structures (4.00)
CSC 28 - Discrete Structures for Computer Science (3.00)	←	No Comparable Course

CSC 35 - Introduction to Computer Architecture (3.00)	←	**COMSC 260** - Assembly Language Programming/Computer Organization (4.00)
CSC 60 - Introduction to Systems Programming in UNIX (3.00)	←	**COMSC 171** - Introduction to UNIX and Linux (2.00) **--- And ---** **COMSC 172** - UNIX and Linux Administration (2.00)
MATH 30 - Calculus I (4.00)	←	**MATH 192** - Analytic Geometry and Calculus I (5.00)
MATH 31 - Calculus II (4.00)	←	**MATH 193** - Analytic Geometry and Calculus II (5.00)
MATH 35 - Introduction to Linear Algebra (3.00)	←	**MATH 194** - Linear Algebra (3.00)
PHYS 11A - General Physics: Mechanics (4.00)	←	**PHYS 130** - Physics for Engineers and Scientists A: Mechanics and Wave Motion (4.00)
STAT 50 - Introduction to Probability and Statistics (4.00)	←	No Comparable Course

--- And ---

Select up to 1 Course from the following

BIO 1 - Biodiversity, Evolution and Ecology (5.00)	←	**BIOSC 131** - Principles of Organismal Biology, Evolution, and Ecology (5.00)
BIO 10 - Basic Biological Concepts (3.00)	←	**BIOSC 102** - Fundamentals of Biological Science with Laboratory (4.00)
CHEM 1A - General Chemistry I (5.00)	←	**CHEM 120** - General College Chemistry I (5.00)
CHEM 1E - General Chemistry for Engineering (4.00)	←	Not Articulated
PHYS 11B - General Physics: Heat, Light, Sound, Modern Physics (4.00)	←	**PHYS 230** - Physics for Engineers and Scientists B: Heat and Electro-Magnetism (4.00) **--- And ---** **PHYS 231** - Physics for Engineers and Scientists C: Optics and Modern Physics (4.00)
PHYS 11C - General Physics: Electricity and Magnetism (4.00)	←	**PHYS 230** - Physics for Engineers and Scientists B: Heat and Electro-Magnetism (4.00) **--- And ---** **PHYS 231** - Physics for Engineers and Scientists C: Optics and Modern Physics (4.00)

END OF AGREEMENT