

LOS MEDANOS COLLEGE
ASSOCIATE OF SCIENCE IN COMPUTER SCIENCE FOR TRANSFER DEGREE
Revised August 2019

Catalog Description

The Associate of Science in Computer Science for Transfer Degree is designed for students desiring advanced degrees in Computer Science. The Los Medanos College Computer Science courses meet the lower division transfer requirements for Computer Science. The curriculum includes the first and second year requirements for transfer to a four-year institution. A baccalaureate degree is the recommended preparation for those considering professional careers in Computer Science.

The Program Student Learning Outcomes for the Associate of Science in Computer Science for Transfer Degree:

1. Be academically prepared to transfer to a Computer Science program at a four-year university.
2. Demonstrate the ability to solve a variety of problems using computational skills necessary for careers in computer science and other related fields.

To achieve the Associate in Science in Computer Science for Transfer Degree, students must (1) complete 60 semester units or 90 quarter units that are eligible for transfer to the California State University (2) fulfill the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements (3) complete a minimum of 28 semester units or 42 quarter units in the major area of emphasis, as determined by the community college district (4) obtain a minimum grade point average of 2.0 (5) earn a “C” grade or better in all course required for the major area of emphasis. A “P” (Pass) grade is not acceptable grade for courses in the major.

Program Requirements:

Required Core:

COMSC-122	Programing Concepts & Methodologies I	3
COMSC-132	Programing Concepts & Methodologies II	3
COMSC-142	Computer Architecture and Organization	3
MATH-160	Discrete math	4
MATH-210	Calculus and Analytic Geometry I	4
MATH -220	Calculus and Analytic Geometry II	4
PHYS-040	Physics for Scientists and Engineers I	4
BIOSC-021	Principles of Biology: Organismal	5

Total Units	30
Total Units that may be double counted:	9/10
CSU-GE/IGETC units	39/37
Electives	0/3
Total Degree Units	60