DIVISION OF ARTS, BUSINESS, & CULTURAL PROGRAMS
COMPUTER SCIENCE FOR TRANSFER
ASSOCIATE IN SCIENCE DEGREE

The Associate in Science in Computer Science for Transfer (AS-T) Degree is intended to meet the lower division requirements for Computer Science majors at a CSU campus that offers a Computer Science baccalaureate degree.

This degree is designed for students interested in an introduction to the field of Computer Science. Computer Science is the study of representational computation, data access methods, programming languages, algorithmic modeling, software design, testing and development. Students in the Computer Science program study and apply their knowledge of mathematics, physics and logic to solve a variety of problems using current technology. Coursework includes programming languages and concepts, systems analysis, mathematics, physics, computer hardware and data structures.

In addition to the courses listed below, the following additional requirements must be met for completion of the Associate in Science in Computer Science for Transfer Degree:

1. Completion of 60 CSU-transferable semester units.
2. Achievement of a minimum GPA of at least 2.0 in all CSU-transferable coursework. (Some majors may require a higher GPA. Students should consult with a counselor for more information.)
3. Completion of the major with a grade of "C" or better in each course or a "P" if the course was taken on a Pass/No Pass basis and the "P" is equal to a "C" or better.
4. Completion of the California General Education Transfer Curriculum (Cal-GETC). The California State University General Education-Breadth (CSU GE) or Intersegmental General Education Transfer Curriculum (IGETC) may be used in some cases; please see a counselor for details.

NOTE: Students are advised to check with the Counseling Department or Transfer Center for the courses accepted into the Computer Science major at the CSU where they seek transfer.

Required Courses	Units	N	IP	C
CIT 127 *Python Programming I	**3**			
CIT 128 *Python Programming II	**3**			
CS 142 *Computer Architecture and Organization	**3**			
CS 152 *Discrete Structures	**3**			
MATH 190 *Calculus I Or **MATH 190H** *Calculus I Honors	**4**			
MATH 191 *Calculus II	**4**			
PHY 211 *Physics for Scientists and Engineers-I	**4**			
Select one course from the following:				
PHY 213 *Physics for Scientists and Engineers-III	**4**			
BIOL 200 *Principles of Biology I (Molecular and Cellular Biology)	**5**			
CHEM 130 *General Chemistry I	**5**			
Required Subtotal	**28-29**			
Cal-GETC Pattern	**Varies**			
Transferable Electives	**as needed to reach 60 transferable units**			
Total units needed for Associate in Science	**60**			
*Prerequisite/Corequisite				