Mathematics

Mathematics AS-T Degree

The Associate in Science in Mathematics for Transfer degree provides students preparation for careers in quantitative professions such as actuarial science, education, computer programming, systems analysis, and operations research analysis.

The Associate in Science in Mathematics for Transfer degree is intended for students who plan to complete a bachelor's degree in Mathematics or a related field of study in the California State University system. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that accepts this degree will be required to complete no more than 60 units after transfer to earn a bachelor's degree.

Program student learning outcomes:

1. Students will take the derivative of various functions.
2. Students will integrate various functions.
3. Students will solve application problems using calculus.

Students must meet the following requirements to qualify for an Associates for Transfer Degree (ADT):

- Complete 60 semester units or 90 quarter units that are eligible for transfer to the California State University (CSU).
- A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- Obtain a minimum grade point average of 2.0.
- Minimum grade of "C" for each course in the major.
- Completion of CalGETC Requirements with a minimum grade of "C".

Recommended Course Sequence: Mathematics AS-T Degree

Course #	Title	Units
Required Core Courses (22 Units)		
MATH 001A	Introduction to Calculus	5
MATH 001B	Calculus With Applications	5
MATH 002A	Multivariate Calculus	4
MATH 002B	Differential Equations	4
STAT C1000	Introduction to Statistics	4
	Total Major Units	22
	Units that may be double-counted as GE	3-4
	General Education (Cal-GETC) Units	34
	Elective Units	7-8
	Total Degree Units	**60**