MATHEMATICS
(MATH)

Science, Technology, Engineering & Mathematics

Associate in Science in Mathematics for Transfer (AS-T) Degree
Academic Plan: H032688H
Click Here for MATHEMATICS PROGRAM MAPPER

The Associate in Science in Mathematics for Transfer (AS-T) Degree is intended for students planning to transfer into a Bachelor of Science program in Mathematics or related areas at a California State University (CSU); guaranteeing admission to the system (but not to a specific campus), and priority consideration for admission to the equivalent CSU program. A student may earn an Associate in Science in Mathematics for Transfer (AS-T) Degree by completing 60 semester units that are eligible for transfer to the CSU, including 21-23 units in Mathematics, Physics, and/or Computer Technology, 1-9 elective units, and either the Intersegment General Education Transfer Curriculum (IGETC) or the CSU General Education Breadth (CSU GE) requirements, with a grade of C or P or better in all major courses and a minimum cumulative grade point average (GPA) of 2.0. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements. This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440).

Program Learning Outcomes: Upon successful completion of the program, students will be able to:
- explain and demonstrate mathematical concepts relevant to the course content.
- analyze and construct proofs relevant to the course concepts.
- create, interpret and analyze graphs relevant to the course content.
- solve problems, including application problems, relevant to course concepts and content.

Note: this award can also be found in the Education TCAP Pathway

Core:

MATH 265	Calculus with Analytic Geometry I (5)	
MATH 266	Calculus with Analytic Geometry II (5)	
MATH 267	Calculus with Analytic Geometry III (5)	

List A: Select one (3 units)

MATH 270	Linear Algebra (3)	
MATH 275	Ordinary Differential Equations (3)	

List B: Select one (3 units)
Any course from List A not already used or any of the following:

MATH 227	Statistics (4)	
or		
MATH 227S	Statistics with Support (4)	
PHYSICS 037	Physics for Engineers and Scientists I (5)	

Major	**21-23**
Additional CSU GE or IGETC Requirements	**31-39**
(Not including 2-6 double-countable major units)	
Additional CSU-Transferable Units	**1-9**
Total	**60**