

PROGRAM OF STUDY

Associate in Science Degree in Mathematics for Transfer AS-T Degree

Laney College

TOP Code: 1701.00

Program Control Number: 31234

State Approval Date: 04/26/2012

The Associate in Science in Mathematics for Transfer Degree (AS-T) is designed for students planning to transfer into the mathematics major. Successful completion of the program with a minimum G.P.A. of 2.0 affords students specific guarantees for transfer to the CSU system such as admission to a CSU with junior status, priority admission to their local CSU campus and to a program or major in mathematics or similar major. Students interested in the AS-T for transfer degree in mathematics should consult with the departmental faculty chair. The AS-T degree will be awarded upon completion of the major course requirements listed below and the General Education requirements for the Associate in Science Degree listed in the Degrees, Programs & Transfer Requirements section of this Catalog.

Career Opportunities in

In the modern world, there are many fields that need specialists in mathematics. Careers in mathematics include: scientists, researchers, space technicians, mathematics teachers, actuaries and insurance specialists, and people who can combine mathematical knowledge with a scientific, computer, or business background.

Degree Major Requirements		Units
MATH 003A	Calculus I	5
MATH 003B	Calculus II	5
MATH 003C	Calculus III	5
Select one from the following (if you choose both, other courses are optional):		Units
MATH 003E	Linear Algebra	3
	or	
MATH 003F	Differential Equations	3
Select one course from the following if necessary to complete 21 units for the major:		Units
MATH 013	Introduction to Statistics	4
	or	
MATH 011	Discrete Mathematics	4
	or	
PHYS 004A	General Physics with Calculus	5
	or	
PHYS 004B	General Physics with Calculus	5
	or	
PHYS 004C	General Physics with Calculus	5
IGETC or CSU GE-Breadth Education pattern and elective courses		Units
		37 - 39
		Units
Total Units		60

