

MATHEMATICS: AS-T DEGREE

The Mathematics AS-T prepares students to transfer to a CSU majoring in mathematics.

Program Learning Outcomes

1. Generate and analyze graphs.
2. Solve application problems.
3. Implement computational procedures.
4. Write mathematical proofs.

Degree Requirements

Code	Title	Units
Required Core Courses (15 units)		
MATH-120	Calculus I	5
MATH-121	Calculus II	5
MATH-221	Multivariable Calculus	5
Required Electives: List A (3 units)		
Complete 1 of the following courses:		3
MATH-220	Linear Algebra	
MATH-222	Differential Equations	
Required Electives: List B (3-4 units)		
Complete 1 of the following courses:		3-4
MATH-232	Statistics	
PHYS-140	Physics for Scientists & Engineers 1	
COMS-215	Programming Concepts and Methodology I	
Total Units		21-22

To receive an Associate Degree for Transfer, students must complete 60 CSU transferable semester units with a grade point average of at least 2.0, and either the California State University General Education (CSU-GE) (<https://catalog.napavalley.edu/getting-your-degree/general-education/#csugeneraleducationtext>) or the Intersegmental General Education Transfer Curriculum (IGETC) (<https://catalog.napavalley.edu/getting-your-degree/general-education/#igetcgeneraleducationtext>) pattern. Consultation with a Counselor is highly encouraged to ensure all requirements are met.