



Associate in Science in Mathematics for Transfer Degree

Complete the following program of study. (Major #C.6200.AS-T). Major requirements (21 units minimum).

The Associate in Science in Mathematics for Transfer Degree prepares students for transfer into four-year mathematics programs. A strong Mathematics background allows students to pursue studies in fields such as mathematics education, engineering, information technology, statistical analysis, physical science, and advanced mathematics.

The program is suited to needs of students who will complete their education at Clovis Community College with an A.S. degree, as well as those students who will complete their Clovis Community College Associate in Science in Mathematics for Transfer Degree who Transfer to a four-year institution to complete their bachelor's degree. Successful completion of the Mathematics Associate in Science Degree for Transfer guarantees the student acceptance to a California State University (but does not guarantee acceptance to a particular campus or major) to pursue a baccalaureate degree, in preparation to pursue a career in the field of mathematics, engineering, statistics, actuarial science, business and management, law enforcement, government, and education.

Name: _____ Student ID: _____ Date: _____

Course Overview and Selection

Required Core:

Course	Course Description	Units	C - ID	Completed	In Progress	Planned
MATH 5A	Math Analysis I	5	MATH 210			
MATH 5B	Math Analysis II	4	MATH 220			
MATH 6	Math analysis III	5	MATH 230			

List A – Take the following course:

Course	Course Description	Units	C - ID	Completed	In Progress	Planned
MATH 17	Differential Equations and Linear Algebra	5	MATH 240, 260, or 910s			

List B – Select additional courses/units so that List A and List B courses total a minimum of 6 units

Course	Course Description	Units	C - ID	Completed	In Progress	Planned
CSCI 40 or ENGR 40	Programming Concepts and Methodology I or Programming for Scientists and Engineers	4	COMP 112/122 ENGR 220			
BA 23 or PSYC 42 STAT C1000	Elementary Statistics or Statistics for the Behavioral Sciences Introduction to Statistics	4	MATH 110			
PHYS 4A	Physics For Scientists and Engineers	4	PHYS 205			

Total units for major does not include required general education or pre-requisite courses.

Notes:

- Certification of California General Education Transfer Curriculum (Cal-GETC) is required. Students who maintain catalog rights prior to Fall 2025 may use IGETC or CSU GE-Breadth. Cal-GETC advising sheets are available in Student Services, AC2-133 or online at [CCC GE\(CSU/UC\) GE and Major Sheets](#)
- Courses may double count in the major and Cal-GETC.

Program Learning Outcomes:

1. Communicate mathematics with understanding (read, write, listen, and speak).
2. Use critical thinking and mathematical reasoning to solve a variety of problems.
3. Apply Mathematical models to real world situations.
4. Use technology, when appropriate, to enhance their mathematical understanding, critical thinking, and problem-solving skills.
5. Demonstrate the ability to use symbolic, graphical, numerical, and written representations of mathematical ideas.

To obtain the Associate in Science in Mathematic for Transfer, students must complete the following requirements:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University.
- Minimum overall grade point average of 2.0,
- Minimum grade of “C” (or “P”) for each course in the major, and
- Completion of Cal-GETC.

**Students who maintain catalog rights prior to Fall 2025 may use IGETC or CSU-GE Breadth.*

To see what CSU campuses accept this degree go to www.icangotocollege.com/transfer-tool.

Common Course Number (CCN) effective Fall 2025:

The following changes are in effect Fall 2025 to align with AB1111 (CCN):

English (ENGL)

- ENGL C1000 *formerly* ENGL 1A
- ENGL C1000H *formerly* ENGL 1AH
- ENGL C1001 *formerly* ENGL 3
- ENGL C1001H *formerly* ENGL 3H

Communication Studies (COMM)

- COMM C1000 *formerly* COMM 1
- COMM C1000H *formerly* COMM 1H

Political Science (POLS) *former prefix POLSCI

- POLS C1000 *formerly* POLSCI 2
- POLS C1000H *formerly* POLSCI 2H

Psychology (PSYC) *former prefix PSY

- PSYC C1000 *formerly* PSY 2
- PSYC C100H *formerly* PSY 2H

Statistics (STAT)

- STAT C1000 *formerly* MATH 11
- *BA 23 formerly* STAT 7.