MATHEMATICS, ASSOCIATE IN SCIENCE FOR TRANSFER (AS-T)

Program Requirements: Includes course requirements and sequencing that reflect program goals.

To earn an AS-T in Mathematics, students must:

1. Complete a minimum of **60 CSU-transferable s**emester units including both of the following:
   a. Certified completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements.

NOTE: To comply with SB 1440 and to not exceed the maximum units allowed, the IGETC is the recommended GE pattern to be used for this transfer degree.

b. Complete the courses in the Mathematics major as listed in the Moorpark College catalog.

2. Obtain a minimum grade point average (GPA) of at least **2.0** in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some transfer institutions and majors may require a higher GPA. Please consult with a counselor for more information.

3. Obtain a grade of "**C**" or better or "**P**" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 §55063), it is highly recommended that students complete their major courses with a letter grade (A, B, or C).

4. Complete requirements in residence. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Students transferring to a CSU campus that accepts the AS-T in Mathematics will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor to obtain more information on university admission and transfer requirements.

Course ID	Title	Units/Hours
REQUIRED CORE		
MATH M25A	Calculus with Analytic Geometry I	5
or MATH M25AH	Honors: Calculus With Analytic Geometry I	
MATH M25B	Calculus with Analytic Geometry II	5
or MATH M25BH	Honors: Calculus with Analytic Geometry II	
MATH M25C	Calculus with Analytic Geometry III	5
MATH M31	Introduction To Linear Algebra	3
Units from LIST A		6-9
Total Units for the Major:		**24-27**
LIST A: Select and complete two courses (three if selecting Physics) 6-9 units		
CS M10J	Introduction to Computer Programming Using Java	4
CS M10P	Introduction to Computer Programming using Python Language	4
CS M125	Programming Concepts and Methodology I	3
MATH M15	Introductory Statistics	4
or MATH M15H	Honors: Introductory Statistics	
MATH M21	Discrete Mathematics	3
MATH M35	Applied Differential Equations	3
PHYS M20A	Mechanics of Solids and Fluids (and)	4
PHYS M20AL	Mechanics of Solids and Fluids Laboratory	1
General Education Requirements		
IGETC Pattern: 37		
NOTE: IGETC 1C is required for all CSU applicants. Students applying to a UC or Private school may earn this ADT without IGETC 1C but will be ineligible to apply to a CSU.		
Double-Counted Units: 3-7		
Electives: 2-4		
Total Units Required for the AS-T Degree		**60**

State Approved: 8/18/2022