



MATHEMATICS
ASSOCIATE OF SCIENCE
 Program Requirements

SEMESTER & COURSES	CREDIT HOURS	SEMESTER & COURSES	CREDIT HOURS
<i>Semester 1 (Fall)</i>		<i>Semester 2 (Spring)</i>	
ENGL 1010: English Composition I	3	ENGL 1020: English Composition II	3
MATH 1910: Calculus I	4	MATH 1920: Calculus II	4
Humanities/Fine Arts	3	Humanities/Fine Arts	3
History ²	3	History ²	3
		Programming Language course ⁴	3 or 4
Subtotal Semester 1	13	Subtotal Semester 2	16 - 17
<i>Semester 3 (Fall)</i>		<i>Semester 4 (Spring)</i>	
Social/Behavioral Science ¹	3	Social/Behavioral Science ¹	3
Natural Science (Lab) ³	4	Natural Science (Lab) ³	4
		COMM 2025: Fundamentals of Communication or any approved speech/communication general education course	3
MATH 2120: Differential Equations	3	MATH 2010: Introduction to Linear Algebra	3
Humanities/Literature	3	Elective (unspecified)	0 or 1
MATH 2110: Calculus III	4		
Subtotal Semester 3	17	Subtotal Semester 4	13 - 14
		Total Credit Hours	60+

NOTES:

¹ Students who wish to pursue a concentration in actuarial science available at UTC, MTSU, or TSU should complete ECON 2100: Macroeconomics and ECON 2200: Microeconomics to fulfill the requirement in social/behavioral sciences.

² Students transferring to UTK must complete a non U.S. history sequence.

³ TSU requires PHYS 2110/2120 Calculus-based Physics sequence; Industrial Track of the Professional Mathematics Concentration at MTSU requires PHYS 2110/2120 Calculus-based Physics sequence; UOM requires either PHYS 2110/2120 Calculus-based Physics sequence or CHEM 1110/1120 sequence. TTU requires a two-semester science lab sequence but not including PHYS 2010/2020 as an option.

⁴ A programming language course is not required at the UTM or ETSU. Students transferring to UoM must earn at least a C in this course.

NOTE: Students transferring to MTSU, TSU, TTU, UoM, or UTM must earn a C or better in all listed MATH courses. Students transferring to UTK must earn a C or better in all MATH 2000 level courses.