2026–27 Mathematics–Advanced Mathematics Academic Map

Department of Mathematical Sciences

Middle Tennessee State University • Murfreesboro

MIDDLE TENNESSEE STATE UNIVERSITY.

An academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in four years. ***Missing milestones could delay your program.***

This map is not a substitute for academic advisement—contact your advisor if you have any questions about scheduling or about your degree requirements. Also see the current undergraduate catalog **(catalog.mtsu.edu)** for a complete list of requirements and electives. *Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.*

Scan the QR code or click here for more information about the new True Blue Core (TBC).

Suggested Fall/Spring Four-Year Schedule

FRESHMAN FALL			FRESHMAN SPRING		
Course	**Hours**	**Milestones/Notes**	**Course**	**Hours**	**Milestones/Notes**
Written Communication	3	TBC	Information Literacy	3	TBC
MATH 1910	4	TBC; Major; Take MATH 1730 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).	MATH 1920	4	Prereq: MATH 1910 with C or better
Scientific Literacy	4	TBC; one must come from Discovery	STAT 3150	3	Prereq: MATH 1920
History and Civic Learning	3	TBC; one must come from Discovery	CSCI 1170	4	Prereq: MATH 1730 with C or better
Creativity and Cultural Expression	3	TBC; one must come from Discovery			
SUBTOTAL	**17**		**SUBTOTAL**	**14**	
SOPHOMORE FALL			**SOPHOMORE SPRING**		
Non-Written Communication	3	TBC	MATH 3460	3	Prereq: MATH 1920
MATH 2010	3	Prereq: MATH 1910	ACSI/CSCI/DATA/MATH/STAT UD elective	3	See advisor
MATH 3110	4	Prereq: MATH 1920	Scientific Literacy	4	TBC; one must come from Discovery
Minor/elective course	3		Minor/elective course	3	
History and Civic Learning	3	TBC; one must come from Discovery			
SUBTOTAL	**16**		**SUBTOTAL**	**13**	
JUNIOR FALL			**JUNIOR SPRING**		
MATH 3120	3	Prereq: MATH 1920 with C or better	MATH elective*	3	See below
MATH 4510	3	Prereq: MATH 3460	Minor/elective course	3	
MATH elective*	3	See below	Human Society and Social Relationships	3	TBC; one must come from Discovery
Minor/elective course	3		Creativity and Cultural Expression	3	TBC; one must come from Discovery
Human Society and Social Relationships	3	TBC; one must come from Discovery	Creativity and Cultural Expression Literature	3	TBC
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
SENIOR FALL			**SENIOR SPRING**		
MATH 4250	3	Prereq: MATH 3110 and MATH 3460 with C-; Fall only	MATH 4990	3	Taken in final semester
ACSI/CSCI/DATA/MATH/STAT UD elective	3	See advisor	ACSI/CSCI/DATA/MATH/STAT UD elective	3	See advisor
Minor/elective course	3		Minor/elective course	3	
Elective	3	Foreign lang. rec.	Elective	3	Foreign lang. rec.
Elective	3		Elective	3	
SUBTOTAL	**15**		**SUBTOTAL**	**15**	

**Choose at least one sequence in algebra (MATH 4420/MATH 4510), analysis (MATH 4250/MATH 4251) or differential equations (MATH 3120/ MATH 3260).*

TOTAL HOURS IN PROGRAM: 120

Mathematics–Advanced Mathematics
Suggested Fall/Spring/Summer Four-Year Schedule

You may choose to attend a summer term to reduce your load during fall or spring terms but still stay on track to graduate in four years. Refer to www.mtsu.edu/financial-aid/scholarships for information regarding use of the Lottery Scholarship for the summer term.

NOTE: Learning Support courses will alter the sequences on this map.

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	**Milestones/Notes**	**Course**	**Hours**	**Milestones/Notes**
MATH 1910	4	TBC; Major; Take MATH 1730 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).	MATH 1920	4	Prereq: MATH 1910 with C or better
Written Communication	3	TBC	STAT 3150	3	Prereq: MATH 1920
Scientific Literacy	4	TBC; one must come from Discovery	CSCI 1170	4	Prereq: MATH 1730 with C or better
Human Society and Social Relationships	3	TBC; one must come from Discovery	Creativity and Cultural Expression	3	TBC; one must come from Discovery
SUBTOTAL	**14**		**SUBTOTAL**	**14**	
FRESHMAN SUMMER					
MATH 3110	4	Prereq: MATH 1920	Information Literacy	3	TBC
SUBTOTAL	**4**		**SUBTOTAL**	**3**	
SOPHOMORE FALL			**SOPHOMORE SPRING**		
MATH 3460	3	Prereq: MATH 1920	ACSI/CSCI/DATA/MATH/STAT UD elective	3	See advisor
MATH 2010	3	Prereq: MATH 1910	Scientific Literacy	4	TBC; one must come from Discovery
Minor/elective course	3		History and Civic Learning	3	TBC; one must come from Discovery
History and Civic Learning	3	TBC; one must come from Discovery	Non-Written Communication	3	TBC
SUBTOTAL	**12**		**SUBTOTAL**	**13**	
JUNIOR FALL			**JUNIOR SPRING**		
MATH 3120	3	Prereq: MATH 1920 with C or better	MATH elective*	3	See below
MATH 4510	3	Prereq: MATH 3460	Minor/elective course	3	
MATH elective*	3	See below	Minor/elective course	3	
Minor/elective course	3		Creativity and Cultural Expression Literature	3	TBC
SUBTOTAL	**12**		**SUBTOTAL**	**12**	
JUNIOR SUMMER					
Human Society and Social Relationships	3	TBC; one must come from Discovery	Creativity and Cultural Expression	3	TBC; one must come from Discovery
SUBTOTAL	**3**		**SUBTOTAL**	**3**	
SENIOR FALL			**SENIOR SPRING**		
MATH 4250	3	Prereq: MATH 3110 and MATH 3460 with C-; Fall only	MATH 4990	3	Taken in final semester
ACSI/CSCI/DATA/MATH/STAT UD elective	3	See advisor	ACSI/CSCI/DATA/MATH/STAT UD elective	3	See advisor
Minor/elective course	3		Minor/elective course	3	
Elective	3	Foreign lang. rec.	Elective	3	Foreign lang. rec.
Elective	3		Elective	3	
SUBTOTAL	**15**		**SUBTOTAL**	**15**	

**Choose at least one sequence in algebra (MATH 4420/MATH 4510), analysis (MATH 4250/MATH 4251) or differential equations (MATH 3120/ MATH 3260).*

TOTAL HOURS IN PROGRAM: 120