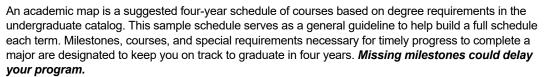
## 2025–26 Mathematics–Advanced Mathematics Academic Map

## Department of Mathematical Sciences Middle Tennessee State University • Murfreesboro



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**

FRESHMA		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	
SOPHOMO	RE FALL		SOPHOMOR	E SPRIN	G
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 S	PRING	
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 S	PRING	
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).

## 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 <a href="https://www.mtsu.edu/financial-aid/scholarships">www.mtsu.edu/financial-aid/scholarships</a> 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		
		FRESHMA	N SUMMER			
MATH 3110	4	Prereq: MATH 1920	Information Literacy	3	TBC	
SUBTOTAL	4		SUBTOTAL	3		
SOPHOMO	RE FALL		SOPHOMOR	E SPRIN	G	
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 S	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 S	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		
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**TOTAL HOURS IN PROGRAM: 120**