

# 2019–20 Mathematics–Mathematics Education Academic Map

Department of Mathematical Sciences

Middle Tennessee State University • Murfreesboro



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](http://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.*

**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 (see back). NOTE: Learning Support courses will alter the sequences on this map.**

## Suggested Fall/Spring Four-Year Schedule

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
MATH 1910 (Math)	4	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
ENGL 1010 (Comm)	3		Soc/Beh Sci (Rubric 1)	3	
Hum/FA (Rubric 1)	3		ENGL 1020 (Comm)	3	
Nat Sci (Rubric 1)	4		Nat Sci (Rubric 2)	4	
MSE 1010	1		MSE 2010	1	
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>15</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
MATH 2010 or MATH 2050	3	Prereq: MATH 1910	Hum/FA (Rubric 2)	3	
MATH 3110	4	Prereq: MATH 1920	MATH 3460	3	Prereq: MATH 1920
CSCI 1170	4		MATH 2010 or MATH 2050	3	Prereq: MATH 1910
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3		COMM 2200 (Comm)	3	
YOED 3520	3		YOED 3550	3	Must be admitted to Teacher Education
<b>SUBTOTAL</b>	<b>17</b>		<b>SUBTOTAL</b>	<b>15</b>	
JUNIOR FALL			JUNIOR SPRING		
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
Soc/Beh Sci (Rubric 2)	3		MATH 3070	3	Prereq: MATH 3460; spring only
MATH elective	3	See advisor	MATH 4540	3	Must be admitted to Teacher Education; completion of math core; spring only
MATH 4510	3	Prereq: MATH 3460	PHIL 3120	3	Spring only
MATH 4620	3	Prereq: MATH 3460; fall only	MATH 4740	3	Prereq: YOED 3520
			MATH 3320	3	Must be admitted to Teacher Education
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>18</b>	
SENIOR FALL			SENIOR SPRING		
MATH 3330	3	Completion of Math core, MATH 3320, admitted to teacher ed; fall only	YOED 4400	12	
MATH 4990	3	taken before Residency II			
YOED 4040	4	Must be admitted to Teacher Education			
YOED 4050	3	Must be admitted to Teacher Education			
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>12</b>	
<b>TOTAL HOURS IN PROGRAM: 120</b>					

# Mathematics–Mathematics Education

## Suggested Fall/Spring/Summer Four-Year Schedule

Refer to [www.mtsu.edu/financial-aid/scholarships](http://www.mtsu.edu/financial-aid/scholarships) for information regarding use of the Lottery Scholarship for the summer term.

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
MATH 1910 (Math)	4	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
ENGL 1010 (Comm)	3		Soc/Beh Sci (Rubric 1)	3	
Nat Sci (Rubric 1)	4		Nat Sci (Rubric 2)	4	
MSE 1010	1		MSE 2010	1	
<b>SUBTOTAL</b>	<b>12</b>		<b>SUBTOTAL</b>	<b>12</b>	
FRESHMAN SUMMER					
Soc/Beh Sci (Rubric 2)	3		ENGL 1020 (Comm)	3	
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
MATH 2010 or MATH 2050	3	Prereq: MATH 1910	MATH 3460	3	Prereq: MATH 1920
MATH 3110	4	Prereq: MATH 1920	MATH 2010 or MATH 2050	3	Prereq: MATH 1910
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3		COMM 2200 (Comm)	3	
YOED 3520	3		YOED 3550	3	Must be admitted to Teacher Education
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>12</b>	
SOPHOMORE SUMMER					
Hum/FA (Rubric 2)	3		Hum/FA (Rubric 1)	3	
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
JUNIOR FALL			JUNIOR SPRING		
HIST 2010, HIST 2020, or HIST 2030	3		MATH 3070	3	Prereq: MATH 3460; spring only
MATH elective	3	See advisor	MATH 4540	3	Must be admitted to Teacher Education; completion of math core; spring only
MATH 4510	3	Prereq: MATH 3460	PHIL 3120	3	Spring only
MATH 4620	3	Prereq: MATH 3460; fall only	MATH 4740	3	Prereq: YOED 3520
			MATH 3320	3	Must be admitted to Teacher Education
<b>SUBTOTAL</b>	<b>12</b>		<b>SUBTOTAL</b>	<b>15</b>	
JUNIOR SUMMER					
CSCI 1170	4		HIST 2010, HIST 2020, or HIST 2030	3	
<b>SUBTOTAL</b>	<b>4</b>		<b>SUBTOTAL</b>	<b>3</b>	
SENIOR FALL			SENIOR SPRING		
MATH 3330	3	Completion of Math core, MATH 3320, admitted to teacher ed; fall only	YOED 4400	12	
MATH 4990	3	taken before Residency II			
YOED 4040	4	Must be admitted to Teacher Education			
YOED 4050	3	Must be admitted to Teacher Education			
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>12</b>	
<b>TOTAL HOURS IN PROGRAM: 120</b>					