Mathematics–Professional Mathematics (Advanced Track) 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.*

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**
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
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	
Nat Sci (Rubric 1)	4		MATH 2050 or STAT 3150	3	
HIST 2010, HIST 2020, or HIST 2030	3		CSCI 1170	4	
Hum/FA (Rubric 1)	3				
SUBTOTAL	**17**		**SUBTOTAL**	**14**	
SOPHOMORE FALL			**SOPHOMORE SPRING**		
COMM 2200 (Comm)	3		MATH 3460	3	
MATH 2010	3		ACSI/MATH/STAT UD elective	3	
MATH 3110	4		Nat Sci (Rubric 2)	4	
Minor course	3		Minor course	3	
HIST 2010, HIST 2020, or HIST 2030	3				
SUBTOTAL	**16**		**SUBTOTAL**	**13**	
JUNIOR FALL			**JUNIOR SPRING**		
MATH 3120	3		MATH elective*	3	See below
MATH 4510	3		Minor course	3	
MATH elective*	3	See below	Soc/Beh Sci (Rubric 2)	3	
Minor course	3		Hum/FA (Rubric 2)	3	
Soc/Beh Sci (Rubric 1)	3		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
SENIOR FALL			**SENIOR SPRING**		
MATH 4250	3		MATH 4990	3	
ACSI/MATH/STAT UD elective	3		ACSI/MATH/STAT UD elective	3	
Minor course	3		Minor course	3	
Elective	3	Foreign lang. rec.	Elective	3	Foreign lang. rec.
Elective	3		Elective	3	
SUBTOTAL	**15**		**SUBTOTAL**	**15**	

**NOTE: Choose one course from List A and a second course from List A or List B; List A: MATH 4420, MATH 4230, MATH 3260; List B: MATH 4270, MATH 4530, MATH 4700.*

TOTAL HOURS IN PROGRAM: 120

Suggested Summer/Fall/Spring Four-Year Schedule

Refer to www.mtsu.edu/scholarships/ for information regarding use of the Lottery Scholarship for the summer term.

FRESHMAN SUMMER					
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).	ENGL 1010 (Comm)	3	
SUBTOTAL	**4**		**SUBTOTAL**	**3**	
FRESHMAN FALL			**FRESHMAN SPRING**		
MATH 1920	4		MATH 3110	4	
ENGL 1020 (Comm)	3		MATH 2050 or STAT 3150	3	
Nat Sci (Rubric 1)	4		CSCI 1170	4	
Soc/Beh Sci (Rubric 1)	3		Hum/FA (Rubric 1)	3	
SUBTOTAL	**14**		**SUBTOTAL**	**14**	
SOPHOMORE FALL			**SOPHOMORE SPRING**		
MATH 3460	3		ACSI/MATH/STAT UD elective	3	
MATH 2010	3		Nat Sci (Rubric 2)	4	
Minor course	3		HIST 2020, HIST 2030, or HIST 2030	3	
HIST 2010, HIST 2020, or HIST 2030	3		COMM 2200 (Comm)	3	
SUBTOTAL	**12**		**SUBTOTAL**	**13**	
JUNIOR SUMMER					
Soc/Beh Sci (Rubric 2)	3		Hum/FA (Rubric 2)	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	
JUNIOR FALL			**JUNIOR SPRING**		
MATH 3120	3		MATH elective*	3	See below
MATH 4510	3		Minor course	3	
MATH elective*	3	See below	Minor course	3	
Minor course	3		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
SUBTOTAL	**12**		**SUBTOTAL**	**12**	
SENIOR FALL			**SENIOR SPRING**		
MATH 4250	3		MATH 4990	3	
ACSI/MATH/STAT UD elective	3		ACSI/MATH/STAT UD elective	3	
Minor course	3		Minor course	3	
Elective	3	Foreign lang. rec.	Elective	3	Foreign lang. rec.
Elective	3		Elective	3	
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
NOTE: Choose one course from List A and a second course from List A or List B; List A: MATH 4420, MATH 4230, MATH 3260; List B: MATH 4270, MATH 4530, MATH 4700.					
TOTAL HOURS IN PROGRAM: 120					

Graduation information may be accessed at www.mtsu.edu/records/grad.php.