2020–21 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

Course	Hours	Milestones/Notes
ENGL 1010 (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).
Nat Sci (Rubric 1)	4	
HIST 2010, HIST 2020, or HIST 2030	3	
Hum/FA (Rubric 1)	3	
SUBTOTAL	**17**	

FRESHMAN SPRING

Course	Hours	Milestones/Notes
ENGL 1020 (Comm)	3	
MATH 1920	4	Prereq: MATH 1910 with C or better
MATH 2050 or STAT 3150	3	Prereq: MATH 1910 or MATH 1920
CSCI 1170	4	Prereq: MATH 1730 with C or better
SUBTOTAL	**14**	

SOPHOMORE FALL

Course	Hours	Milestones/Notes
COMM 2200 (Comm)	3	
MATH 2010	3	Prereq: MATH 1910
MATH 3110	4	Prereq: MATH 1920
Minor/elective course	3	
HIST 2010, HIST 2020, or HIST 2030	3	
SUBTOTAL	**16**	

SOPHOMORE SPRING

Course	Hours	Milestones/Notes
MATH 3460	3	Prereq: MATH 1920
ACSI/MATH/STAT UD elective	3	See advisor
Nat Sci (Rubric 2)	4	
Minor/elective course	3	
SUBTOTAL	**13**	

JUNIOR FALL

Course	Hours	Milestones/Notes
MATH 3120	3	Prereq: MATH 1920 with C or better
MATH 4510	3	Prereq: MATH 3460
MATH elective*	3	See below
Minor/elective course	3	
Soc/Beh Sci (Rubric 1)	3	
SUBTOTAL	**15**	

JUNIOR SPRING

Course	Hours	Milestones/Notes
MATH elective*	3	See below
Minor/elective course	3	
Soc/Beh Sci (Rubric 2)	3	
Hum/FA (Rubric 2)	3	
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
SUBTOTAL	**15**	

SENIOR FALL

Course	Hours	Milestones/Notes
MATH 4250	3	Prereq: MATH 3110 and MATH 3460
ACSI/MATH/STAT UD elective	3	See advisor
Minor/elective course	3	
Elective	3	Foreign lang. rec.
Elective	3	
SUBTOTAL	**15**	

SENIOR SPRING

Course	Hours	Milestones/Notes
MATH 4990	3	Taken in final semester
ACSI/MATH/STAT UD elective	3	See advisor
Minor/elective course	3	
Elective	3	Foreign lang. rec.
Elective	3	
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

Mathematics–Professional Mathematics (Advanced Track)
Suggested Fall/Spring/Summer Four-Year Schedule

Refer to 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		MATH 2050 or STAT 3150	3	Prereq: MATH 1910 or MATH 1920
Nat Sci (Rubric 1)	4		CSCI 1170	4	Prereq: MATH 1730 with C or better
Soc/Beh Sci (Rubric 1)	3		Hum/FA (Rubric 1)	3	
SUBTOTAL	**14**		**SUBTOTAL**	**14**	

FRESHMAN SUMMER					
MATH 3110	4	Prereq: MATH 1920	ENGL 1020 (Comm)	3	
SUBTOTAL	**4**		**SUBTOTAL**	**3**	

SOPHOMORE FALL			SOPHOMORE SPRING		
MATH 3460	3	Prereq: MATH 1920	ACSI/MATH/STAT UD elective	3	See advisor
MATH 2010	3	Prereq: MATH 1910	Nat Sci (Rubric 2)	4	
Minor/elective 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 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		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
SUBTOTAL	**12**		**SUBTOTAL**	**12**	

JUNIOR SUMMER					
Soc/Beh Sci (Rubric 2)	3		Hum/FA (Rubric 2)	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	

SENIOR FALL			SENIOR SPRING		
MATH 4250	3	Prereq: MATH 3110 and MATH 3460	MATH 4990	3	Taken in final semester
ACSI/MATH/STAT UD elective	3	See advisor	ACSI/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**	

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