

2022–23 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) 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 | |
| SUBTOTAL | 15 | | SUBTOTAL | 15 | |
| 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 |
| SUBTOTAL | 17 | | SUBTOTAL | 15 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| HIST 2010, 2020, 2030, 2040, or 2050 | 3 | | HIST 2010, 2020, 2030, 2040, or 2050 | 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 | MSE 3330 | 3 | |
| MATH 4620 | 3 | Prereq: MATH 3460; fall only | MATH 4740 | 3 | Prereq: YOED 3520 |
| | | | MATH 3320 | 3 | Must be admitted to Teacher Education |
| SUBTOTAL | 15 | | SUBTOTAL | 18 | |
| 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 | | | |
| SUBTOTAL | 13 | | SUBTOTAL | 12 | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |

Mathematics–Mathematics Education

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 | | Soc/Beh Sci (Rubric 1) | 3 | |
| Nat Sci (Rubric 1) | 4 | | Nat Sci (Rubric 2) | 4 | |
| MSE 1010 | 1 | | MSE 2010 | 1 | |
| SUBTOTAL | 12 | | SUBTOTAL | 12 | |
| FRESHMAN SUMMER | | | | | |
| Soc/Beh Sci (Rubric 2) | 3 | | ENGL 1020 (Comm) | 3 | |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| 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 |
| SUBTOTAL | 13 | | SUBTOTAL | 12 | |
| SOPHOMORE SUMMER | | | | | |
| Hum/FA (Rubric 1) | 3 | | Hum/FA (Rubric 2) | 3 | |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| HIST 2010, 2020, 2030, 2040, or 2050 | 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 | MSE 3330 | 3 | |
| MATH 4620 | 3 | Prereq: MATH 3460; fall only | MATH 4740 | 3 | Prereq: YOED 3520 |
| | | | MATH 3320 | 3 | Must be admitted to Teacher Education |
| SUBTOTAL | 12 | | SUBTOTAL | 15 | |
| JUNIOR SUMMER | | | | | |
| CSCI 1170 | 4 | | HIST 2010, 2020, 2030, 2040, or 2050 | 3 | |
| SUBTOTAL | 4 | | SUBTOTAL | 3 | |
| 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 | | | |
| SUBTOTAL | 13 | | SUBTOTAL | 12 | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |