

2018–19 Mathematics–Professional Mathematics (Business Track) 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 |
| 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 | Prereq: MATH 1910 with C or better |
| CSCI, INFS, or BIA elective | 3 | | CSCI, INFS, or BIA elective | 4 | |
| Hum/FA (Rubric 1) | 3 | | Nat Sci (Rubric 1) | 4 | |
| Soc/Beh Sci (Rubric 1) | 3 | | | | |
| SUBTOTAL | 16 | | SUBTOTAL | 15 | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| COMM 2200 (Comm) | 3 | | MATH 3460 | 3 | Prereq: MATH 1920 |
| MATH 2010 | 3 | Prereq: MATH 1910 | ECON 2420 | 3 | |
| MATH 3110 | 4 | Prereq: MATH 1920 | Elective | 3 | |
| ECON 2410 (Soc/Beh Sci) | 3 | | HIST 2010, HIST 2020, or HIST 2030 | 3 | |
| HIST 2010, HIST 2020, or HIST 2030 | 3 | | Nat Sci (Rubric 2) | 4 | |
| SUBTOTAL | 16 | | SUBTOTAL | 16 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| STAT 3150 or MATH 2050 | 3 | Prereq: MATH 1920 or MATH 1910 | STAT 4190 | 3 | Prereq: STAT 3150 |
| ACSI 4200 or MATH 4200 | 3 | Prereq: MATH 1920 | Minor/elective course | 3 | |
| ACTG 3000 (or ACTG 2110 and ACTG 2120) | 3 | | Minor/elective course | 3 | |
| CSCI, INFS, or BIA elective | 4 | | ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA) | 3 | |
| SUBTOTAL | 13 | | SUBTOTAL | 12 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| STAT 4200 or STAT 4360 | 3 | Prereq: STAT 4190 or MATH 2050/BIA 3620 | MATH 4990 | 3 | Taken in final semester |
| Minor/elective course | 3 | | Minor/elective course | 3 | |
| Minor/elective course | 3 | | Minor/elective course | 3 | |
| Electives | 5 | | Hum/FA (Rubric 2) | 3 | |
| ACSI or STAT elective | 3 | Choose from ACSI 4220, 4230, 4630, 4640; STAT 4320, 4380 | ACSI or STAT elective | 3 | Choose from ACSI 4220, 4230, 4630, 4640; STAT 4320, 4380 |
| SUBTOTAL | 17 | | SUBTOTAL | 15 | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |

Mathematics–Professional Mathematics (Business 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 2010 | 3 | Prereq: MATH 1910 |
| Nat Sci (Rubric 1) | 4 | | CSCI, INFS, or BIA elective | 4 | |
| CSCI, INFS, or BIA elective | 3 | | Soc/Beh Sci (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 | | |
| STAT 3150 or MATH 2050 | 3 | Prereq: MATH 1920 or MATH 1910 | ECON 2420 | 3 | |
| ACSI 4200 or MATH 4200 | 3 | Prereq: MATH 1920 | Nat Sci (Rubric 2) | 4 | |
| ECON 2410 (Soc/Beh Sci) | 3 | | HIST 2010, HIST 2020, or HIST 2030 | 3 | |
| Elective | 3 | | STAT 4190 | 3 | Prereq: STAT 3150 |
| SUBTOTAL | 12 | | SUBTOTAL | 13 | |
| SOPHOMORE SUMMER | | | | | |
| MATH 3460 | 3 | Prereq: MATH 1920 | COMM 2200 (Comm) | 3 | |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| CSCI, INFS, or BIA elective | 4 | | ACTG 3000 (or ACTG 2110 and 2120) | 3–6 | |
| HIST 2010, HIST 2020, or HIST 2030 | 3 | | Minor/elective course | 3 | |
| Elective | 2 | | Minor/elective course | 3 | |
| STAT 4200 or STAT 4360 | 3 | Prereq: STAT 4190 or MATH 2050/BIA 3620 | ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA) | 3 | |
| SUBTOTAL | 12 | | SUBTOTAL | 12 | |
| JUNIOR SUMMER | | | | | |
| Hum/FA (Rubric 1) | 3 | | Hum/FA (Rubric 2) | 3 | |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| Minor/elective course | 3 | | MATH 4990 | 3 | Taken in final semester |
| Minor/elective course | 3 | | Minor/elective course | 3 | |
| Elective | 3 | | Minor/elective course | 3 | |
| ACSI or STAT elective | 3 | Choose from ACSI 4220, 4230, 4630, 4640; STAT 4320, 4380 | ACSI or STAT elective | 3 | Choose from ACSI 4220, 4230, 4630, 4640; STAT 4320, 4380 |
| SUBTOTAL | 12 | | SUBTOTAL | 12 | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |