

2025–26 Mathematics–Statistics and Data Analysis 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.*



Scan the QR code
or [click here](#) for
more information
about the
True Blue Core (TBC).

Suggested Fall/Spring Four-Year Schedule

| FRESHMAN FALL | | | FRESHMAN SPRING | | |
|-------------------------------------|-----------|--|---|-----------|--|
| Course | Hours | Milestones/Notes | Course | Hours | Milestones/Notes |
| Written Communication | 3 | TBC | Information Literacy | 3 | TBC |
| MATH 1910 | 4 | TBC; Major; 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 |
| Scientific Literacy | 4 | TBC; one must come from Discovery | Advisor-approved supporting course* | 3 | See advisor |
| History and Civic Learning | 3 | TBC; one must come from Discovery | Human Society and Social Relationships | 3 | TBC; one must come from Discovery |
| Creativity and Cultural Expression | 3 | TBC; one must come from Discovery | | | |
| SUBTOTAL | 17 | | SUBTOTAL | 13 | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| Non-Written Communication | 3 | TBC | MATH 1530 | 3 | |
| MATH 2010 | 3 | Prereq: MATH 1910 | Minor/elective course | 3 | |
| MATH 3110 | 4 | Prereq: MATH 1920 | Scientific Literacy | 4 | TBC; one must come from Discovery |
| Minor/elective course | 3 | | History and Civic Learning | 3 | TBC; one must come from Discovery |
| Advisor-approved supporting course* | 3 | See advisor | MATH 2110 | 1 | Prereq or Coreq: MATH 2050 or MATH 1530 |
| SUBTOTAL | 16 | | SUBTOTAL | 14 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| MATH 3460 | 3 | Prereq: MATH 1920 | STAT 4190 | 3 | Prereq: STAT 3150 |
| STAT 3150 | 3 | Prereq: MATH 1920 | CSCI 1170 | 4 | Prereq: MATH 1730 with C or higher |
| STAT elective | 3 | From STAT 4200, 4320, 4360, 4370, 4380, 4700, 4600 | Human Society and Social Relationships | 3 | TBC; one must come from Discovery |
| MATH 2530 | 3 | Prereq: MATH 2050 or MATH 1530 | Minor/elective course | 3 | |
| Minor/elective course | 3 | | Creativity and Cultural Expression Literature | 3 | TBC |
| SUBTOTAL | 15 | | SUBTOTAL | 16 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| STAT elective | 3 | From STAT 4200, 4320, 4360, 4370, 4380, 4700, 4600 | STAT elective | 3 | From STAT 4200, 4320, 4360, 4370, 4380, 4700, 4600 |
| CSCI 2170 | 4 | Prereq: MATH 1730 and CSCI 1170 both with C | MATH 4990 | 3 | Taken in final semester |
| Minor/elective course | 3 | | Minor/elective course | 3 | |
| Creativity and Cultural Expression | 3 | TBC; one must come from Discovery | Elective | 4 | |
| Elective | 3 | | | | |
| SUBTOTAL | 16 | | SUBTOTAL | 14 | |

*NOTE: Courses, chosen with approval of statistics advisor, include computing, data science, information systems, and other relevant courses

TOTAL HOURS IN PROGRAM: 120

Mathematics–Mathematics–Statistics and Data Analysis

Suggested Fall/Spring/Summer Four-Year Schedule

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

NOTE: Learning Support courses will alter the sequences on this map.

| FRESHMAN FALL | | | FRESHMAN SPRING | | |
|--|-----------|--|---|-----------|--|
| Course | Hours | Milestones/Notes | Course | Hours | Milestones/Notes |
| Written Communication | 3 | TBC | Information Literacy | 3 | TBC |
| MATH 1910 | 4 | TBC; Major; 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 |
| Scientific Literacy | 4 | TBC; one must come from Discovery | Advisor-approved supporting course* | 3 | See advisor |
| History and Civic Learning | 3 | TBC; one must come from Discovery | Human Society and Social Relationships | 3 | TBC; one must come from Discovery |
| SUBTOTAL | 14 | | SUBTOTAL | 13 | |
| FRESHMAN SUMMER | | | | | |
| MATH 3110 | 4 | Prereq MATH 1920 | Creativity and Cultural Expression | 3 | TBC; one must come from Discovery |
| SUBTOTAL | 4 | | SUBTOTAL | 3 | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| Non-Written Communication | 3 | TBC | MATH 1530 | 3 | |
| MATH 2010 | 3 | Prereq: MATH 1910 | Minor/elective course | 3 | |
| Minor/elective course | 3 | | Scientific Literacy | 4 | TBC; one must come from Discovery |
| Advisor-approved supporting course* | 3 | See advisor | History and Civic Learning | 3 | TBC; one must come from Discovery |
| | | | MATH 2110 | 1 | Prereq: MATH 2050 or MATH 1530 |
| SUBTOTAL | 12 | | SUBTOTAL | 14 | |
| SOPHOMORE SUMMER | | | | | |
| Human Society and Social Relationships | 3 | TBC; one must come from Discovery | Minor/elective course | 3 | |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| MATH 3460 | 3 | Prereq: MATH 1920 | STAT 4190 | 3 | Prereq: STAT 3150 |
| STAT 3150 | 3 | Prereq: MATH 1920 | CSCI 1170 | 4 | Prereq: MATH 1730 with C or higher |
| STAT elective | 3 | From STAT 4200, 4320, 4360, 4370, 4380, 4700, 4600 | Creativity and Cultural Expression Literature | 3 | TBC |
| MATH 2530 | 3 | Prereq: MATH 2050 or MATH 1530 | Minor/elective course | 3 | |
| SUBTOTAL | 12 | | SUBTOTAL | 13 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| STAT elective | 3 | From STAT 4200, 4320, 4360, 4370, 4380, 4700, 4600 | STAT elective | 3 | From STAT 4200, 4320, 4360, 4370, 4380, 4700, 4600 |
| CSCI 2170 | 4 | Prereq: MATH 1730 and CSCI 1170 both with C | MATH 4990 | 3 | Taken in final semester |
| Minor/elective course | 3 | | Minor/elective course | 3 | |
| Creativity and Cultural Expression | 3 | TBC; one must come from Discovery | Elective | 4 | |
| Elective | 3 | | | | |
| SUBTOTAL | 16 | | SUBTOTAL | 14 | |
| *NOTE: Courses, chosen with approval of statistics advisor, include computing, data science, information systems, and other relevant courses | | | | | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |