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](http://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.

### Mathematics–Professional Mathematics

#### (Advanced Track) Academic Map

Department of Mathematical Sciences

Middle Tennessee State University • Murfreesboro

**Suggested Fall/Spring Four-Year Schedule**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 (Comm)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 1910 (Math)</td>
<td>4</td>
<td>Take MATH 1730 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).</td>
</tr>
<tr>
<td>Nat Sci (Rubric 1)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>HIST 2010, HIST 2020, or HIST 2030</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Hum/FA (Rubric 1)</td>
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</tr>
<tr>
<td>MATH 1920</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 2050 or STAT 3150</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CSCI 1170</td>
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<td>MATH 2010</td>
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</tr>
<tr>
<td>MATH 3110</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Minor course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HIST 2010, HIST 2020, or HIST 2030</td>
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<td></td>
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<tr>
<td>MATH 3120</td>
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<tr>
<td>MATH elective*</td>
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<td>See below</td>
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<tr>
<td>MATH 4510</td>
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<tr>
<td>Minor course</td>
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<td></td>
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<tr>
<td>Soc/Beh Sci (Rubric 1)</td>
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<td></td>
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<tr>
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<th>Milestones/Notes</th>
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</thead>
<tbody>
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</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>Minor course</td>
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<td></td>
</tr>
<tr>
<td>Elective</td>
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<td>Foreign lang. rec.</td>
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<th>Course</th>
<th>Hours</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
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<td></td>
</tr>
<tr>
<td>ACSI/MATH/STAT UD elective</td>
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<td></td>
</tr>
<tr>
<td>Minor course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td>15</td>
<td></td>
</tr>
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</table>

*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/](http://www.mtsu.edu/scholarships/) for information regarding use of the Lottery Scholarship for the summer term.

<table>
<thead>
<tr>
<th>FRESHMAN SUMMER</th>
<th>Course</th>
<th>Hours</th>
<th>Milestones/Notes</th>
<th>Course</th>
<th>Hours</th>
<th>Milestones/Notes</th>
</tr>
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<td>ENGL 1010 (Comm)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td><strong>4</strong></td>
<td></td>
<td></td>
<td><strong>SUBTOTAL</strong></td>
<td><strong>3</strong></td>
<td></td>
</tr>
</tbody>
</table>

| FRESHMAN FALL    | 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   | 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      | 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      | 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](http://www.mtsu.edu/records/grad.php).

*MTSU is an AA/EEO employer; created using the 2013-14 undergraduate catalog*