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](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

<table>
<thead>
<tr>
<th>FRESHMAN FALL</th>
<th>FRESHMAN SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course</strong></td>
<td><strong>Hours</strong></td>
</tr>
<tr>
<td>PHYS 1010</td>
<td>1</td>
</tr>
<tr>
<td>Nat Sci</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1910 (Math)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1110/CHEM 1111 (Nat Sci)</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1010 (Comm)</td>
<td>3</td>
</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOPHOMORE FALL</th>
<th>SOPHOMORE SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 3100 (or PHYS 3070)</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 3150 (or MATH 3120 or MATH 3110)</td>
<td>3–4</td>
</tr>
<tr>
<td>CSCI 1170</td>
<td>4</td>
</tr>
<tr>
<td>COMM 2200 (Comm)</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td>16–17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JUNIOR FALL</th>
<th>JUNIOR SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 3610 (or PHYS 3510 or PHYS 3400)</td>
<td>3</td>
</tr>
<tr>
<td>PHYS/ASTR upper division</td>
<td>3–4</td>
</tr>
<tr>
<td>Hum/FA (Rubric 1)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 2010, HIST 2020, or HIST 2030</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td>15–16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SENIOR FALL</th>
<th>SENIOR SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 4850</td>
<td>2</td>
</tr>
<tr>
<td>PHYS/ASTR upper division</td>
<td>2–3</td>
</tr>
<tr>
<td>Cognate</td>
<td>3</td>
</tr>
<tr>
<td>Cognate</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td>13–14</td>
</tr>
</tbody>
</table>

**TOTAL HOURS IN PROGRAM: 120**
# Physics–Applied Physics Suggested Fall/Spring/Summer Four-Year Schedule

Refer to [www.mtsu.edu/financial-aid/scholarships](http://www.mtsu.edu/financial-aid/scholarships) for information regarding use of the Lottery Scholarship for the summer term.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 1010</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Nat Sci</td>
<td>4</td>
<td>PHYS 2010/2011 or PHYS 2110/2111 recommended; consult with advisor</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>CHEM 1110/1111 (Nat Sci)</td>
<td>4</td>
<td>Prereq: High School chemistry</td>
</tr>
<tr>
<td>ENGL 1010 (Comm)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

**FRESHMAN SUMMER**

| COMM 2200 (Comm)          | 3     |                                                                                 |
| **SUBTOTAL**              | 3     |                                                                                 |

**SOPHOMORE FALL**

| PHYS 3100 (or PHYS 3070)  | 3     | Consult with advisor                                                            |
| PHYS 3150 (or MATH 3120 or MATH 3110) | 3     | Consult with advisor                                                            |
| Elective                  | 3     | Consult with advisor                                                            |
| Elective                  | 3     | Consult with advisor                                                            |
| **SUBTOTAL**              | 12    |                                                                                 |

**SOPHOMORE SUMMER**

| Soc/Beh Sci (Rubric 2)    | 3     |                                                                                 |
| **SUBTOTAL**              | 3     |                                                                                 |

**JUNIOR FALL**

| PHYS 3610 (or PHYS 3510 or PHYS 3400) | 3     | Consult with advisor                                                            |
| PHYS/ASTR upper division      | 2–3   |                                                                                 |
| Elective                      | 3     | Consult with advisor                                                            |
| Elective                      | 3     | Consult with advisor                                                            |
| HIST 2010, HIST 2020, or HIST 2030 | 3     |                                                                                 |
| **SUBTOTAL**                  | 14–15 |                                                                                 |

**JUNIOR SPRING**

| Cognate                    | 3     |                                                                                 |
| Cognate                    | 3     |                                                                                 |
| Elective                   | 3     |                                                                                 |
| **SUBTOTAL**               | 12    |                                                                                 |

**SENIOR FALL**

| PHYS 4850                  | 2     | Prereq: Instructor consent                                                    |
| PHYS/ASTR upper division   | 3     |                                                                                 |
| Cognate                    | 3     |                                                                                 |
| Cognate                    | 3     |                                                                                 |
| PHYS 3900                  | 1     | Prereq: PHYS 3110 or PHYS 3080                                                |
| **SUBTOTAL**               | 12    |                                                                                 |

**SENIOR SPRING**

| PHYS 4900                  | 2     |                                                                                 |
| PHYS 3800                  | 1     |                                                                                 |
| Cognate                    | 3     |                                                                                 |
| Elective                   | 3     |                                                                                 |
| **SUBTOTAL**               | 12    |                                                                                 |

**TOTAL HOURS IN PROGRAM: 120**