

2022–23 Science–General Science (Biology/Physics)

Academic Map

Department of Chemistry

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 |
| CHEM 1110/1111 (Nat Sci) | 4 | Take CHEM 1010/1011 if weak or no background in Chemistry | CHEM 1120/1121 | 4 | Prereq: CHEM 1110 with C- or better |
| BIOL 1110/1111 (Nat Sci) | 4 | Prereq: MATH 1710 | BIOL 1120/1121 | 4 | Prereq: BIOL 1110 |
| MATH 1730 (Math) | 4 | Take MATH 1710 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26). | Hum/FA (Rubric 1) | 3 | |
| ENGL 1010 (Comm) | 3 | | ENGL 1020 (Comm) | 3 | |
| | | | Elective | 1 | |
| SUBTOTAL | 15 | | SUBTOTAL | 15 | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| PHYS 2010/2011 | 4 | See advisor | PHYS 2020/2021 | 4 | Prereq: PHYS 2010 |
| BIOL 2230/2231 or PHYS (upper division) | 4 | See advisor | BIOL 3250/3251 or PHYS (upper division) | 4 | See advisor |
| ENGL 2020, ENGL 2030, or HUM 2619 (Hum/FA) | 3 | | COMM 2200 (Comm) | 3 | |
| Minor course | 3 | | Minor course | 3 | |
| SUBTOTAL | 14 | | SUBTOTAL | 14 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| PHYS (upper division) or BIOL 2230/2231 | 4 | See advisor | PHYS (upper division) or BIOL 3250/3251 | 4 | See advisor |
| Minor course | 3 | | Minor course | 3 | |
| Soc/Beh Sci (Rubric 1) | 3 | | Soc/Beh Sci (Rubric 2) | 3 | |
| Elective (upper division) | 3 | See advisor | Elective (upper division) | 3 | See advisor |
| HIST 2010, 2020, 2030, 2040, or 2050 | 3 | | HIST 2010, 2020, 2030, 2040, or 2050 | 3 | |
| SUBTOTAL | 16 | | SUBTOTAL | 16 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| PHYS elective (upper division) | 3 | See advisor | BIOL elective (upper division) | 3 | See advisor |
| Hum/FA (Rubric 2) | 3 | | Minor course | 3 | |
| Minor course/elective (upper division) | 3 | | Elective (upper division) | 3 | See advisor |
| Elective (upper division) | 3 | See advisor | Elective (upper division) | 3 | See advisor |
| Elective (upper division) | 3 | See advisor | Elective | 3 | |
| SUBTOTAL | 15 | | SUBTOTAL | 15 | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |

Science–General Science (Biology/Physics)

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 |
| ENGL 1010 (Comm) | 3 | | Hum/FA (Rubric 1) | 3 | |
| CHEM 1110/1111 (Nat Sci) | 4 | Take CHEM 1010/1011 if weak or no background in Chemistry | CHEM 1120/1121 | 4 | Prereq: CHEM 1110 with C- or better |
| BIOL 1110/1111 (Nat Sci) | 4 | Prereq: MATH 1710 | BIOL 1120/1121 | 4 | Prereq: BIOL 1110 |
| MATH 1730 (Math) | 4 | Take MATH 1710 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26). | ENGL 1020 (Comm) | 3 | |
| | | | Elective | 1 | |
| SUBTOTAL | 15 | | SUBTOTAL | 15 | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| PHYS 2010/2011 | 4 | See advisor | PHYS 2020/2021 | 4 | Prereq: PHYS 2010 |
| BIOL 2230/2231 or PHYS (upper division) | 4 | See advisor | BIOL 3250/3251 or PHYS (upper division) | 4 | See advisor |
| ENGL 2020, ENGL 2030, or HUM 2619 (Hum/FA) | 3 | | COMM 2200 (Comm) | 3 | |
| Minor course | 3 | | Minor course | 3 | |
| SUBTOTAL | 14 | | SUBTOTAL | 14 | |
| SOPHOMORE SUMMER | | | | | |
| Soc/Beh Sci (Rubric 1) | 3 | | HIST 2010, 2020, 2030, 2040, or 2050 | 3 | |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| PHYS (upper division) or BIOL 2230/2231 | 4 | See advisor | PHYS (upper division) or BIOL 3250/3251 | 4 | See advisor |
| Minor course | 3 | | Minor course | 3 | |
| Elective (upper division) | 3 | See advisor | Soc/Beh Sci (Rubric 2) | 3 | |
| HIST 2010, 2020, 2030, 2040, or 2050 | 3 | | Elective (upper division) | 3 | See advisor |
| SUBTOTAL | 13 | | SUBTOTAL | 13 | |
| JUNIOR SUMMER | | | | | |
| Hum/FA (Rubric 2) | 3 | | Minor course | 3 | |
| SUBTOTAL3 | 3 | | SUBTOTAL | 3 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| PHYS elective (upper division) | 3 | See advisor | BIOL elective (upper division) | 3 | See advisor |
| Minor course/elective (upper division) | 3 | | Elective (upper division) | 3 | See advisor |
| Elective (upper division) | 3 | See advisor | Elective (upper division) | 3 | See advisor |
| Elective (upper division) | 3 | See advisor | Elective | 3 | |
| SUBTOTAL | 12 | | SUBTOTAL | 12 | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |