

2023–24 Computer Science–Business Applications (Mathematics Minor) Academic Map

Department of Computer Science

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 |
| CSCI 1170 | 4 | Prereq: MATH 1730 with C or better | CSCI 2170 | 4 | Prereq: CSCI 1170 |
| 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 | | ENGL 1020 (Comm) | 3 | |
| HIST 2010, 2020, 2030, 2040, or 2050 | 3 | | HIST 2010, 2020, 2030, 2040, or 2050 | 3 | |
| CSCI 1010 | 1 | | | | |
| SUBTOTAL | 15 | | SUBTOTAL | 14 | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| CSCI 3130 | 4 | Prereq: CSCI 2170 | CSCI 3240 | 4 | Prereq: CSCI 3130 |
| COMM 2200 (Comm) | 3 | | CSCI 3110 | 3 | Prereq: CSCI 2170 and 3080 |
| Nat Sci (Rubric 1) | 4 | | Nat Sci (Rubric 2) | 4 | |
| CSCI 3080 | 3 | Prereq: CSCI 1170, MATH 1910 | Soc/Beh Sci (Rubric 1) | 3 | |
| | | | ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA) | 3 | |
| SUBTOTAL | 14 | | SUBTOTAL | 17 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| CSCI elective | 3 | | MGMT 3610 | 3 | Prereq: Jr. standing |
| MATH 2050 | 3 | Prereq: MATH 1910 with C or better | CSCI upper-division elective | 3 | See advisor |
| PHIL 3170 | 3 | | FIN 3000 | 3 | Prereq: Jr. standing |
| Math elective | 3 | See Mathematics minor requirements | Math elective | 4 | Must be a course for Math majors |
| ACTG 2110 | 3 | | CSCI upper-division elective | 3 | See advisor |
| SUBTOTAL | 15 | | SUBTOTAL | 16 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| CSCI 4560 | 3 | Prereq: CSCI 3080, CSCI 3110 | CSCI 4700 | 3 | Prereq: CSCI 3080, CSCI 3110, COMM 2200 |
| CSCI upper-division elective | 3 | See advisor | Hum/FA (Rubric 2) | 3 | |
| Soc/Beh Sci (Rubric 2) | 3 | | CSCI 4410 | 3 | Prereq: CSCI 3080, CSCI 3110 |
| ECON 2420 | 3 | | ACTG 2120, ACSI 4230, BLAW 3400, MGMT 3620, or MKT 3820 | 3 | Choose one |
| Hum/FA (Rubric 1) | 3 | | Elective | 2 | To make 120 hours |
| SUBTOTAL | 15 | | SUBTOTAL | 14 | |

NOTE: Each course counted toward the 44 credit hours of required Computer Science courses and MATH 1910 and COMM 2200 must be completed with a grade of C (2.00) or higher.

TOTAL HOURS IN PROGRAM: 120

Computer Science–Business Applications (Mathematics Minor)

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 |
| CSCI 1170 | 4 | Prereq: MATH 1730 with C or better | CSCI 2170 | 4 | Prereq: CSCI 1170 |
| 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 | | ENGL 1020 (Comm) | 3 | |
| CSCI 1010 | 1 | | HIST 2010, 2020, 2030, 2040, or 2050 | 3 | |
| SUBTOTAL | 12 | | SUBTOTAL | 14 | |
| FRESHMAN SUMMER | | | | | |
| ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA) | 3 | | COMM 2200 (Comm) | 3 | |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| CSCI 3130 | 4 | Prereq: CSCI 2170 | CSCI 3240 | 4 | Prereq: CSCI 3130 |
| HIST 2010, 2020, 2030, 2040, or 2050 | 3 | | CSCI 3110 | 3 | Prereq: CSCI 2170 and 3080 |
| Nat Sci (Rubric 1) | 4 | | Nat Sci (Rubric 2) | 4 | |
| CSCI 3080 | 3 | Prereq: CSCI 1170, MATH 1910 | Elective | 2 | To make 120 hours |
| SUBTOTAL | 14 | | SUBTOTAL | 13 | |
| SOPHOMORE SUMMER | | | | | |
| Math elective | 3 | See Mathematics minor requirements | CSCI upper-division elective | 3 | See advisor |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| CSCI elective | 3 | | MGMT 3610 | 3 | Prereq: Jr. standing |
| MATH 2050 | 3 | Prereq: MATH 1910 with C or better | CSCI upper-division elective | 3 | See advisor |
| PHIL 3170 | 3 | | CSCI upper-division elective | 3 | See advisor |
| ACTG 2110 | 3 | | Math elective | 4 | Must be a course for Math majors |
| SUBTOTAL | 12 | | SUBTOTAL | 13 | |
| JUNIOR SUMMER | | | | | |
| Soc/Beh Sci (Rubric 1) | 3 | | FIN 3000 | 3 | Prereq: Jr. standing |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| CSCI 4560 | 3 | Prereq: CSCI 3080, CSCI 3110 | CSCI 4700 | 3 | Prereq: CSCI 3080, CSCI 3110, COMM 2200 |
| Hum/FA (Rubric 1) | 3 | | Hum/FA (Rubric 2) | 3 | |
| Soc/Beh Sci (Rubric 2) | 3 | | CSCI 4410 | 3 | Prereq: CSCI 3080, CSCI 3110 |
| ECON 2420 | 3 | | ACTG 2120, ACSI 4230, BLAW 3400, MGMT 3620, or MKT 3820 | 3 | Choose one |
| SUBTOTAL | 12 | | SUBTOTAL | 12 | |
| NOTE: Each course counted toward the 44 credit hours of required Computer Science courses and MATH 1910 and COMM 2200 must be completed with a grade of C (2.00) or higher. | | | | | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |