

# 2023–24 Computer Science: Business Applications (Business Administration 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](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.**

## 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         |                                                                                                          |                                            |           |                                         |
| <b>SUBTOTAL</b>                      | <b>15</b> |                                                                                                          | <b>SUBTOTAL</b>                            | <b>14</b> |                                         |
| SOPHOMORE FALL                       |           |                                                                                                          | SOPHOMORE SPRING                           |           |                                         |
| CSCI 3130                            | 4         | Prereq: CSCI 2170                                                                                        | CSCI 3240                                  | 4         | Prereq: CSCI 3130                       |
| Nat Sci (Rubric 1)                   | 4         |                                                                                                          | CSCI 3110                                  | 3         | Prereq: CSCI 2170 and 3080              |
| CSCI 3080                            | 3         | Prereq: CSCI 1170, MATH 1910                                                                             | Nat Sci (Rubric 2)                         | 4         |                                         |
| INFS 2200 or INFS 3100               | 3         |                                                                                                          | Soc/Beh Sci (Rubric 1)                     | 3         |                                         |
|                                      |           |                                                                                                          | ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA) | 3         |                                         |
| <b>SUBTOTAL</b>                      | <b>14</b> |                                                                                                          | <b>SUBTOTAL</b>                            | <b>17</b> |                                         |
| JUNIOR FALL                          |           |                                                                                                          | JUNIOR SPRING                              |           |                                         |
| Elective                             | 3         | to make 120 hours                                                                                        | MGMT 3610                                  | 3         |                                         |
| CSCI upper-division elective         | 3         | See advisor                                                                                              | CSCI upper-division elective               | 3         | See advisor                             |
| PHIL 3170                            | 3         |                                                                                                          | MATH 2050                                  | 3         | Prereq: MATH 1910 with C or better      |
| COMM 2200 (Comm)                     | 3         |                                                                                                          | Math elective                              | 3         | Must be a course for Math major         |
| ACTG 3000 (or ACTG 2110 and 2120)    | 3         |                                                                                                          | CSCI elective                              | 3         |                                         |
| <b>SUBTOTAL</b>                      | <b>15</b> |                                                                                                          | <b>SUBTOTAL</b>                            | <b>15</b> |                                         |
| 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            |
| BLAW 3400 or BLAW 3430               | 3         |                                                                                                          | MKT 3820                                   | 3         |                                         |
| Hum/FA (Rubric 1)                    | 3         |                                                                                                          | FIN 3000 or FIN 3010                       | 3         |                                         |
| <b>SUBTOTAL</b>                      | <b>15</b> |                                                                                                          | <b>SUBTOTAL</b>                            | <b>15</b> |                                         |

**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 (Business Administration Minor)

## 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.

| 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         |                                         |
| <b>SUBTOTAL</b>                                                                                                                                                             | <b>12</b> |                                                                                                          | <b>SUBTOTAL</b>                      | <b>14</b> |                                         |
| FRESHMAN SUMMER                                                                                                                                                             |           |                                                                                                          |                                      |           |                                         |
| ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)                                                                                                                                  | 3         |                                                                                                          | COMM 2200 (Comm)                     | 3         |                                         |
| <b>SUBTOTAL</b>                                                                                                                                                             | <b>3</b>  |                                                                                                          | <b>SUBTOTAL</b>                      | <b>3</b>  |                                         |
| 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                                                                             | CSCI upper-division elective         | 3         | See advisor                             |
| <b>SUBTOTAL</b>                                                                                                                                                             | <b>14</b> |                                                                                                          | <b>SUBTOTAL</b>                      | <b>14</b> |                                         |
| SOPHOMORE SUMMER                                                                                                                                                            |           |                                                                                                          |                                      |           |                                         |
| INFS 2200 or INFS 3100                                                                                                                                                      | 3         |                                                                                                          | CSCI upper-division elective         | 3         | See advisor                             |
| <b>SUBTOTAL</b>                                                                                                                                                             | <b>3</b>  |                                                                                                          | <b>SUBTOTAL</b>                      | <b>3</b>  |                                         |
| JUNIOR FALL                                                                                                                                                                 |           |                                                                                                          | JUNIOR SPRING                        |           |                                         |
| CSCI elective                                                                                                                                                               | 3         |                                                                                                          | MGMT 3610                            | 3         |                                         |
| MATH 2050                                                                                                                                                                   | 3         | Prereq: MATH 1910 with C or better                                                                       | CSCI upper-division elective         | 3         | See advisor                             |
| PHIL 3170                                                                                                                                                                   | 3         |                                                                                                          | FIN 3000 or FIN 3010                 | 3         |                                         |
| ACTG 3000 (or ACTG 2110 and 2120)                                                                                                                                           | 3         |                                                                                                          | Math elective                        | 3         | Must be a course for Math major         |
| <b>SUBTOTAL</b>                                                                                                                                                             | <b>12</b> |                                                                                                          | <b>SUBTOTAL</b>                      | <b>12</b> |                                         |
| JUNIOR SUMMER                                                                                                                                                               |           |                                                                                                          |                                      |           |                                         |
| Hum/FA (Rubric 1)                                                                                                                                                           | 3         |                                                                                                          | Soc/Beh Sci (Rubric 1)               | 3         |                                         |
| <b>SUBTOTAL</b>                                                                                                                                                             | <b>3</b>  |                                                                                                          | <b>SUBTOTAL</b>                      | <b>3</b>  |                                         |
| SENIOR FALL                                                                                                                                                                 |           |                                                                                                          | SENIOR SPRING                        |           |                                         |
| CSCI 4560                                                                                                                                                                   | 3         | Prereq: CSCI 3080, CSCI 3110                                                                             | CSCI 4700                            | 3         | Prereq: CSCI 3080, CSCI 3110, COMM 2200 |
| Elective                                                                                                                                                                    | 3         | to make 120 hours                                                                                        | Hum/FA (Rubric 2)                    | 3         |                                         |
| Soc/Beh Sci (Rubric 2)                                                                                                                                                      | 3         |                                                                                                          | CSCI 4410                            | 3         | Prereq: CSCI 3080, CSCI 3110            |
| BLAW 3400 or BLAW 3430                                                                                                                                                      | 3         |                                                                                                          | MKT 3820                             | 3         |                                         |
| <b>SUBTOTAL</b>                                                                                                                                                             | <b>12</b> |                                                                                                          | <b>SUBTOTAL</b>                      | <b>12</b> |                                         |
| 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. |           |                                                                                                          |                                      |           |                                         |
| <b>TOTAL HOURS IN PROGRAM: 120</b>                                                                                                                                          |           |                                                                                                          |                                      |           |                                         |