

# 2024–25 Computer Science–Professional Computer Science 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.*



Scan the QR code or [click here](#) for more information about the new True Blue Core (TBC).

## 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 1730 with C or better in both
MATH 1910	4	TBC; Major; MATH 1730 or ACT Math sub of 26+ or Math Dept. Calc. Placement Test.	MATH 1920	4	Prereq: MATH 1910 with C or better
Written Communication	3	TBC	Information Literacy	3	TBC
History and Civic Learning	3	TBC; one must come from Discovery	History and Civic Learning	3	TBC; one must come from Discovery
CSCI 1010	1				
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>14</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
COMM 2200	3	TBC; Major	CSCI 3240	4	Prereq: CSCI 3130; MATH 1710 or 1910 with C or better in both
CSCI 3130	4	Prereq: CSCI 2170; MATH 1730 or 1910 with C or better in both	CSCI 3110	3	Prereq: CSCI 2170
Scientific Literacy	4	TBC; Major; complete a year-long sequence started in TBC Scientific Literacy area	Scientific Literacy	4	TBC; Major; complete a year-long sequence started in TBC Scientific Literacy area
CSCI 3080	3	Prereq: CSCI 1170, MATH 1910	Human Society and Social Relationships	3	TBC; one must come from Discovery
Creativity and Cultural Expression Literature	3	TBC			
<b>SUBTOTAL</b>	<b>17</b>		<b>SUBTOTAL</b>	<b>14</b>	
JUNIOR FALL			JUNIOR SPRING		
CSCI 303_	3	Programming language; prereq: CSCI 3110	CSCI 3210	3	Prereq: CSCI 3110, COMM 2200
MATH 2050	3	Prereq: MATH 1910 with C or better	CSCI upper-division elective	3	See dept./advisor
Science course	4	Different prefix from year-long sequence	PHIL 3170	3	
Elective	3	See dept./advisor	Math elective	4	Must be course for Math major
Elective	3	See dept./advisor	Elective	3	See dept./advisor
<b>SUBTOTAL</b>	<b>16</b>		<b>SUBTOTAL</b>	<b>16</b>	
SENIOR FALL			SENIOR SPRING		
CSCI 4160	3	Prereq: CSCI 3080, CSCI 3110, CSCI 3130	CSCI 4700	3	Prereq: CSCI 3080, CSCI 3110, COMM 2200
CSCI upper-division elective	3	See dept./advisor	Creativity and Cultural Expression	3	TBC; one must come from Discovery
Human Society and Social Relationships	3	TBC; one must come from Discovery	Elective	4	See dept./advisor
Elective	3	See dept./advisor	CSCI upper-division elective	3	See dept./advisor
Creativity and Cultural Expression	3	TBC; one must come from Discovery			
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>13</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–Professional Computer Science

## Suggested Fall/Spring/Summer Four-Year Schedule

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. 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.

**NOTE: Learning Support courses will alter the sequences on this map.**

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	4	TBC; Major; MATH 1730 or ACT Math sub of 26+ or Math Dept. Calc. Placement Test.	MATH 1920	4	Prereq: MATH 1910 with C or better
Written Communication	3	TBC	Information Literacy	3	TBC
History and Civic Learning	3	TBC; one must come from Discovery	History and Civic Learning	3	TBC; one must come from Discovery
CSCI 1010	1				
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>14</b>	
FRESHMAN SUMMER					
Creativity and Cultural Expression Literature	3	TBC	Non-Written Communication	3	TBC
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
Creativity and Cultural Expression	3	TBC; one must come from Discovery	CSCI 3240	4	Prereq: CSCI 3130
CSCI 3130	4	Prereq: CSCI 2170	CSCI 3110	3	Prereq: CSCI 2170
Scientific Literacy	4	TBC; Major; complete a year-long sequence started in TBC Scientific Literacy area	Scientific Literacy	4	TBC; Major; complete a year-long sequence started in TBC Scientific Literacy area
CSCI 3080	3	Prereq: CSCI 1170, MATH 1910	Human Society and Social Relationships	3	TBC; one must come from Discovery
<b>SUBTOTAL</b>	<b>14</b>		<b>SUBTOTAL</b>	<b>14</b>	
SOPHOMORE SUMMER					
Elective	3	See dept./advisor	CSCI upper-division elective	3	See dept./advisor
<b>SUBTOTAL</b>	<b>3</b>		<b>SUBTOTAL</b>	<b>3</b>	
JUNIOR FALL			JUNIOR SPRING		
CSCI 303_	3	Programming language; prereq: CSCI 3110	CSCI 3210	3	Prereq: CSCI 3110, COMM 2200
MATH 2050	3	Prereq: MATH 1910 with C or better	Elective	3	See dept./advisor
Science course	4	Different prefix from year-long sequence	PHIL 3170	3	
Elective	3	See dept./advisor	MATH elective	4	Must be course for Math major
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>13</b>	
SENIOR FALL			SENIOR SPRING		
CSCI 4160	3	Prereq: CSCI 3080, CSCI 3110, CSCI 3130	CSCI 4700	3	Prereq: CSCI 3080, CSCI 3110, COMM 2200
CSCI upper-division elective	3	See dept./advisor	Creativity and Cultural Expression	3	TBC; one must come from Discovery
Human Society and Social Relationships	3	TBC; one must come from Discovery	Elective	4	See dept./advisor
Elective	3	See dept./advisor	CSCI upper-division elective	3	See dept./advisor
<b>SUBTOTAL</b>	<b>12</b>		<b>SUBTOTAL</b>	<b>13</b>	
<p><i>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.</i></p>					
<b>TOTAL HOURS IN PROGRAM: 120</b>					