2022–23 Computer Science–Professional Computer Science Academic Map

Department of Computer Science
Middle Tennessee State University • Murfreesboro

MIDDLE TENNESSEE STATE UNIVERSITY

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		
COMM 2200 (Comm)	3		CSCI 3240	4	Prereq: CSCI 3130
CSCI 3130	4	Prereq: CSCI 2170	CSCI 3110	3	Prereq; CSCI 2170
Nat Sci (Rubric 1)	4		Nat Sci (Rubric 1, Second Semester)	4	Complete a year-long sequence started in General Education Natural Science area
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	**17**		**SUBTOTAL**	**14**	
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
Nat Sci (Rubric 2)	4		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
SUBTOTAL	**16**		**SUBTOTAL**	**16**	
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	Hum/FA (Rubric 2)	3	
Soc/Beh Sci (Rubric 2)	3		Elective	4	See dept./advisor
Elective	3	See dept./advisor	CSCI upper-division elective	3	See dept./advisor
Hum/FA (Rubric 1)	3				
SUBTOTAL	**15**		**SUBTOTAL**	**13**	

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

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	
HIST 2010, 2020, 2030, 2040, or 2050	3		HIST 2010, 2020, 2030, 2040, or 2050	3	
CSCI 1010	1				
SUBTOTAL	**15**		**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		
Hum/FA (Rubric 1)	3		CSCI 3240	4	Prereq: CSCI 3130
CSCI 3130	4	Prereq: CSCI 2170	CSCI 3110	3	Prereq; CSCI 2170
Nat Sci (Rubric 1)	4		Nat Sci (Rubric 1, Second Semester)	4	Complete a year-long sequence started in General Education Natural Science area
CSCI 3080	3	Prereq: CSCI 1170, MATH 1910	Soc/Beh Sci (Rubric 1)	3	
SUBTOTAL	**14**		**SUBTOTAL**	**14**	

SOPHOMORE SUMMER					
Elective	3	See dept./advisor	CSCI upper-division elective	3	See dept./advisor
SUBTOTAL	**3**		**SUBTOTAL**	**3**	

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
Nat Sci (Rubric 2)	4		PHIL 3170	3	
Elective	3	See dept./advisor	MATH elective	4	Must be course for Math major
SUBTOTAL	**13**		**SUBTOTAL**	**13**	

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	Hum/FA (Rubric 2)	3	
Soc/Beh Sci (Rubric 2)	3		Elective	4	See dept./advisor
Elective	3	See dept./advisor	CSCI upper-division elective	3	See dept./advisor
SUBTOTAL	**12**		**SUBTOTAL**	**13**	

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