2022–23 Data Science Academic Map
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**
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
MATH 1910 (Math)	4	Prereq: MATH 1730 with a C or ACT MATH of 26 Required in major; may count for General Education	MATH 2050, MATH 1530, or BIA 2610	3	
DATA 1500	3		ECON 2410 (Soc/Beh Sci)	3	Required in major; may count for General Education
HIST 2010, 2020, 2030, 2040, or 2050	3		HIST 2010, 2020, 2030, 2040, or 2050	3	
Hum/FA (Rubric 1)	3		Hum/FA (Rubric 2)	3	
SUBTOTAL	**16**		**SUBTOTAL**	**15**	
SOPHOMORE FALL			SOPHOMORE SPRING		
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3		COMM 2200 (Comm)	3	
CSCI 1170	4	Prereq: MATH 1730 with a C or ACT MATH of 26	Nat Sci (Rubric 2)	4	
Nat Sci (Rubric 1)	4		CSCI 2170	4	Prereq: CSCI 1170 and eligible for MATH 1910
MATH 2530	3		MATH 2110	1	Prereq: MATH 1530 or 2050
Soc/Beh Sci	3		Elective/minor	3	
SUBTOTAL	**17**		**SUBTOTAL**	**15**	
JUNIOR FALL			JUNIOR SPRING		
DATA 3500	3	Prereq: CSCI 1170	DATA 3550	3	Prereq: CSCI 1170
BIA 3620	3	Prereq: BIA 2610/MATH 1530 and junior standing	DS elective	3	See advisor
DS cognate	3	See advisor	DS cognate	3	See advisor
Elective/minor	3		Elective/minor	3	
Elective/minor	3		Elective/minor	3	
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
SENIOR FALL			SENIOR SPRING		
INFS 4790	3	Prereq: INFS 2600 and junior standing	DATA 4950	3	
DS cognate	3	See advisor	DS cognate	3	See advisor
DS elective	3	See advisor	DS elective	3	See advisor
DS elective	3	See advisor	Elective/minor	3	
Elective/minor	3				
SUBTOTAL	**15**		**SUBTOTAL**	**12**	
TOTAL HOURS IN PROGRAM: 120					

Data 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**
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
MATH 1910 (Math)	4	Prereq: MATH 1730 with a C or ACT MATH of 26 Required in major; may count for General Education	MATH 2050, MATH 1530, or BIA 2610	3	
DATA 1500	3		ECON 2410 (Soc/Beh Sci)	3	Required in major; may count for General Education
HIST 2010, 2020, 2030, 2040, or 2050	3		HIST 2010, 2020, 2030, 2040, or 2050	3	
SUBTOTAL	**13**		**SUBTOTAL**	**12**	
FRESHMAN SUMMER					
Hum/FA (Rubric 1)	3		Hum/FA (Rubric 2)	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	
SOPHOMORE FALL			SOPHOMORE SPRING		
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3		COMM 2200 (Comm)	3	
CSCI 1170	4	Prereq: MATH 1730 with a C or ACT MATH of 26	Nat Sci (Rubric 2)	4	
Nat Sci (Rubric 1)	4		CSCI 2170	4	Prereq: CSCI 1170 and eligible for MATH 1910
MATH 2530	3		MATH 2110	1	Prereq: MATH 1530 or 2050
SUBTOTAL	**14**		**SUBTOTAL**	**12**	
SOPHOMORE SUMMER					
Soc/Beh Sci	3		Elective/minor	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	
JUNIOR FALL			JUNIOR SPRING		
DATA 3500	3	Prereq: CSCI 1170	DATA 3550	3	Prereq: CSCI 1170
BIA 3620	3	Prereq: BIA 2610/MATH 1530 and junior standing	DS elective	3	See advisor
DS cognate	3	See advisor	DS cognate	3	See advisor
Elective/minor	3		Elective/minor	3	
SUBTOTAL	**12**		**SUBTOTAL**	**12**	
JUNIOR SUMMER					
Elective/minor	3		Elective/minor	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	
SENIOR FALL			SENIOR SPRING		
INFS 4790	3	Prereq: INFS 2600 and junior standing	DATA 4950	3	
DS cognate	3	See advisor	DS cognate	3	See advisor
DS elective	3	See advisor	DS elective	3	See advisor
DS elective	3	See advisor	Elective/minor	3	
Elective/minor	3				
SUBTOTAL	**15**		**SUBTOTAL**	**12**	
TOTAL HOURS IN PROGRAM: 120					