2019–20 Chemistry Academic Map

Department of Chemistry

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**
CHEM 1110/1111 (Nat Sci)	4	Take CHEM 1010/1011 if weak or no back-ground in Chemistry	CHEM 1120/1121	4	Prereq: CHEM 1110 with C- or better
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
MATH 1730 (Math)	4	Take MATH 1710 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).	MATH 1910	4	Prereq: MATH 1730 with C or better
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
SUBTOTAL	**14**		**SUBTOTAL**	**14**	
SOPHOMORE FALL			**SOPHOMORE SPRING**		
Elective	3		CHEM 3020/3021	4	Prereq: CHEM 3010
CHEM 3010/3011	4	Prereq: CHEM 1120	PHYS 2020/2021 (or PHYS 2120/2121)	4	Prereq: PHYS 2110
PHYS 2010/2011 (or PHYS 2110/2111) (Nat Sci)	4		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
MATH 1920	4		CHEM 2230/2231	5	
SUBTOTAL	**15**		**SUBTOTAL**	**16**	
JUNIOR FALL			**JUNIOR SPRING**		
CHEM 4330/4331 (or CHEM 4350/4351 and CHEM 4360/4361)	4	Prereq: CHEM	CHEM 4400	3	
CHEM 3530/3531 (or CHEM 4500/4510)	4	Prereq: CHEM 3010	CHEM elective (upper division)	3	See advisor
COMM 2200 (Comm)	3		Hum/FA (Rubric 1)	3	
Soc/Beh Sci (Rubric 1)	3		Soc/Beh Sci (Rubric 2)	3	
Elective	3		Elective	3	
SUBTOTAL	**17**		**SUBTOTAL**	**15**	
SENIOR FALL			**SENIOR SPRING**		
CHEM elective (upper division)	2	See advisor	CHEM elective (upper division)	2	See advisor
Elective	3		Chemistry lab elective	2	
Hum/FA (Rubric 2)	3		Elective (upper division)	4	See advisor
Elective (upper division)	3	See advisor	Elective (upper division)	4	See advisor
Elective (upper division)	3	See advisor	Elective	3	
SUBTOTAL	**14**		**SUBTOTAL**	**15**	
TOTAL HOURS IN PROGRAM: 120					

Chemistry 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**
CHEM 1110/1111 (Nat Sci)	4	Take CHEM 1010/1011 if weak or no back-ground in Chemistry	CHEM 1120/1121	4	Prereq: CHEM 1110 with C- or better
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
MATH 1730 (Math)	4	Take MATH 1710 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).	MATH 1910	4	Prereq: MATH 1730 with C or better
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
SUBTOTAL	**14**		**SUBTOTAL**	**14**	
FRESHMAN SUMMER					
Elective	3		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	
SOPHOMORE FALL			**SOPHOMORE SPRING**		
CHEM 3010/3011	4	Prereq: CHEM 1120	CHEM 3020/3021	4	Prereq: CHEM 3010
PHYS 2010/2011 (or PHYS 2110/2111) (Nat Sci)	4		PHYS 2020/2021 (or PHYS 2120/2121)	4	Prereq: PHYS 2110
MATH 1920	4		CHEM 2230/2231	5	
SUBTOTAL	**12**		**SUBTOTAL**	**13**	
SOPHOMORE SUMMER					
Students are encouraged to get involved in research.					
JUNIOR FALL			**JUNIOR SPRING**		
CHEM 4330/4331 (or CHEM 4350/4351 and CHEM 4360/4361)	4	Prereq: CHEM	CHEM 4400	3	
CHEM 3530/3531 (or CHEM 4500/4510)	4	Prereq: CHEM 3010	CHEM elective (upper division)	3	See advisor
COMM 2200 (Comm)	3		Hum/FA (Rubric 1)	3	
Soc/Beh Sci (Rubric 1)	3		Soc/Beh Sci (Rubric 2)	3	
Elective	3		Elective	3	
SUBTOTAL	**17**		**SUBTOTAL**	**15**	
JUNIOR SUMMER					
Students are encouraged to get involved in research.					
SENIOR FALL			**SENIOR SPRING**		
CHEM elective (upper division)	2	See advisor	CHEM elective (upper division)	2	See advisor
Elective	3		Chemistry lab elective	2	
Hum/FA (Rubric 2)	3		Elective (upper division)	4	See advisor
Elective (upper division)	3	See advisor	Elective (upper division)	4	See advisor
Elective (upper division)	3	See advisor	Elective	3	
SUBTOTAL	**14**		**SUBTOTAL**	**15**	
TOTAL HOURS IN PROGRAM: 120					