

2019–20 Science—General Science (Biology/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 background in chemistry	CHEM 1120/1121	4	Prereq: CHEM 1110 with C- or better
BIOL 1110/1111 (Nat Sci)	4	Prereq: MATH 1710	BIOL 1120/1121	4	Prereq: BIOL 1110
MATH 1730 (Math)	4	Take MATH 1710 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).	Hum/FA (Rubric 1)	3	
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
			Elective	1	
SUBTOTAL	15		SUBTOTAL	15	
SOPHOMORE FALL			SOPHOMORE SPRING		
PHYS 2010/2011	4	See advisor	PHYS 2020/2021	4	Prereq: PHYS 2010
BIOL 2230/2231 or CHEM (upper division)	4	See advisor	BIOL 3250/3251 or CHEM (upper division)	4	See advisor
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3		COMM 2200 (Comm)	3	
Minor course	3		Minor course	3	
SUBTOTAL	14		SUBTOTAL	14	
JUNIOR FALL			JUNIOR SPRING		
CHEM upper-division (or BIOL 2230/2231)	4	See advisor	CHEM upper division (or BIOL 3250/3251)	4	See advisor
Minor course	3		Minor course	3	
Soc/Beh Sci (Rubric 1)	3		Soc/Beh Sci (Rubric 2)	3	
Elective (upper division)	3		Elective (upper division)	3	
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
SUBTOTAL	16		SUBTOTAL	16	
SENIOR FALL			SENIOR SPRING		
CHEM elective (upper division)	3	See advisor	BIOL elective (upper division)	3	See advisor
Hum/FA (Rubric 2)	3		Minor course	3	
Minor course/elective (upper division)	3		Elective (upper division)	3	
Elective (upper division)	3		Elective (upper division)	3	
Elective (upper division)	3		Elective	3	
SUBTOTAL	15		SUBTOTAL	15	
TOTAL HOURS IN PROGRAM: 120					

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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		Hum/FA (Rubric 1)	3	
CHEM 1110/1111 (Nat Sci)	4	Take CHEM 1010/1011 if weak or no background in chemistry	CHEM 1120/1121	4	Prereq: CHEM 1110 with C- or better
BIOL 1110/1111 (Nat Sci)	4	Prereq: MATH 1710	BIOL 1120/1121	4	Prereq: BIOL 1110
MATH 1730 (Math)	4	Take MATH 1710 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).	ENGL 1020 (Comm)	3	
			Elective	1	
SUBTOTAL	15		SUBTOTAL	15	
SOPHOMORE FALL			SOPHOMORE SPRING		
PHYS 2010/2011	4	See advisor	PHYS 2020/2021	4	Prereq: PHYS 2010
BIOL 2230/2231 or CHEM (upper division)	4	See advisor	BIOL 3250/3251 or CHEM (upper division)	4	See advisor
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3		COMM 2200 (Comm)	3	
Minor course	3		Minor course	3	
SUBTOTAL	14		SUBTOTAL	14	
SOPHOMORE SUMMER					
Soc/Beh Sci (Rubric 1)	3		HIST 2010, HIST 2020, or HIST 2030	3	
SUBTOTAL	3		SUBTOTAL	3	
JUNIOR FALL			JUNIOR SPRING		
CHEM upper-division (or BIOL 2230/2231)	4	See advisor	CHEM upper division (or BIOL 3250/3251)	4	See advisor
Minor course	3		Minor courses	3	
Soc/Beh Sci (Rubric 1)	3		Soc/Beh Sci (Rubric 2)	3	
Elective (upper division)	3		Elective (upper division)	3	
HIST 2010, HIST 2020, or HIST 2030	3				
SUBTOTAL	13		SUBTOTAL	13	
JUNIOR SUMMER					
Hum/FA (Rubric 2)	3		Minor course	3	
SUBTOTAL3	3		SUBTOTAL	3	
SENIOR FALL			SENIOR SPRING		
CHEM elective upper division	3	See advisor	BIOL elective (upper division)	3	See advisor
Minor course/elective (upper division)	3		Elective (upper division)	3	
Elective (upper division)	3		Elective (upper division)	3	
Elective (upper division)	3		Elective	3	
SUBTOTAL	12		SUBTOTAL	12	
TOTAL HOURS IN PROGRAM: 120					