

# 2014–15 Chemistry Academic Map

Department of Chemistry  
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.*

**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	
BIOL 1110/1111 (Nat Sci)	4		BIOL 1120/1121	4	
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	
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
<b>SUBTOTAL</b>	<b>15</b>		<b>SUBTOTAL</b>	<b>15</b>	
SOPHOMORE FALL			SOPHOMORE SPRING		
CHEM 2230/2231	5		CHEM 3020/3021	4	
CHEM 3010/3011	4		PHYS 2020/2021	4	
PHYS 2010/2011	4		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
			Minor course	3	
			COMM 2200 (Comm)	3	
<b>SUBTOTAL</b>	<b>13</b>		<b>SUBTOTAL</b>	<b>17</b>	
JUNIOR FALL			JUNIOR SPRING		
CHEM elective (upper division)	3–4	See advisor	CHEM elective (upper division)	3–4	See advisor
Minor course	3		Minor course	3	
Hum/FA (Rubric 1)	3		Hum/FA (Rubric 2)	3	
Soc/Beh Sci (Rubric 1)	3		Soc/Beh Sci (Rubric 2)	3	
Elective (upper division)	3	See advisor	Elective (upper division)	3	See advisor
<b>SUBTOTAL</b>	<b>15–16</b>		<b>SUBTOTAL</b>	<b>15–16</b>	
SENIOR FALL			SENIOR SPRING		
CHEM 4330/4331	4		CHEM 4340/4341 or CHEM 4360/4361	4–5	
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
Minor course/upper division	3	See advisor	Minor course/elective (upper division)	4	See advisor
Elective (upper division)	4	See advisor	Minor course/elective (upper division)	4	See advisor
<b>SUBTOTAL</b>	<b>14</b>		<b>SUBTOTAL</b>	<b>15–16</b>	
<b>TOTAL HOURS IN PROGRAM: 120</b>					

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

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.

FRESHMAN FALL			FRESHMAN SPRING		
ENGI 1010 (Comm)	3		ENGL 1020 (Comm)	3	
CHEM 1110/1111 (Nat Sci)	4	Take CHEM 1010/1011 if weak or no back-ground in Chemistry	CHEM 1120/1121	4	
BIOL 1110/1111 (Nat Sci)	4		BIOL 1120/1121	4	
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	
SUBTOTAL	15		SUBTOTAL	15	
FRESHMAN SUMMER					
HIST 2010, HIST 2020, or HIST 2030	3		COMM 2200 (Comm)	3	
SUBTOTAL	3		SUBTOTAL	3	
SOPHOMORE FALL			SOPHOMORE SPRING		
CHEM 3010/3011	4		CHEM 3020/3021	4	
CHEM 2230/2231	5		PHYS 2020/2021	4	
PHYS 2010/2011	4		Elective (upper division)	4	See advisor
			ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
SUBTOTAL	13		SUBTOTAL	15	
SOPHOMORE SUMMER					
Students are encouraged to get involved in research.					
JUNIOR FALL			JUNIOR SPRING		
CHEM elective (upper division)	3–4	See advisor	CHEM elective (upper division)	3–4	See advisor
Minor course	3		Minor course	3	
Elective (upper division)	3	See advisor	Soc/Beh Sci (Rubric 2)	3	
Soc/Beh Sci (Rubric 1)	3		Elective (upper division)	3	See advisor
			Hum/FA (Rubric 1)	3	
SUBTOTAL	12–13		SUBTOTAL	15–16	
JUNIOR SUMMER					
Students are encouraged to get involved in research.					
SENIOR FALL			SENIOR SPRING		
CHEM 4330/4331	4		CHEM 4340/4341 or CHEM 4360/4361	4–5	
Minor course	3		Minor course/elective (upper division)	4	See advisor
HIST 2010, HIST 2020, or HIST 2030	3		Minor course/elective (upper division)	4	See advisor
Minor course/elective (upper division)	3	See advisor			
Hum/FA (Rubric 2)	3				
SUBTOTAL	16		SUBTOTAL	12–13	
TOTAL HOURS IN PROGRAM: 120					