2014–15 Chemistry–Professional (Biomolecular Track) 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	
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	
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
SOPHOMORE FALL			**SOPHOMORE SPRING**		
CHEM 2230/2231	5		CHEM 3020/3021	4	
CHEM 3010/3011	4		PHYS 2020/2021	4	
PHYS 2010/2011	4		MATH 1920	4	
			ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
SUBTOTAL	**13**		**SUBTOTAL**	**15**	
JUNIOR FALL			**JUNIOR SPRING**		
CHEM 4500	3		CHEM 4510	3	
CSCI 1150	3	Or app. CSCI course	CHEM 4530	2	
COMM 2200 (Comm)	3		CHEM 3000	1	
Soc/Beh Sci (Rubric 1)	3		Soc/Beh Sci (Rubric 2)	3	
Elective (upper division)	3	See advisor	Elective (upper division)	3	See advisor
			Hum/FA (Rubric 1)	3	
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
SENIOR FALL			**SENIOR SPRING**		
CHEM 4330/4331	4		CHEM 4360/4361	5	
CHEM 3880	1		CHEM 4400 or CHEM 4410	3	4400 offered in even yrs.; 4410 offered in odd yrs.
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
Elective (upper division)	3	See advisor	Elective (upper division)	3	See advisor
Hum/FA (Rubric 2)	3		Elective	1	
Elective	3				
SUBTOTAL	**17**		**SUBTOTAL**	**15**	
TOTAL HOURS IN PROGRAM: 120					

Chemistry–Professional (Biomolecular Track)
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	
BIOL 1110/1111 (Nat Sci)	4		BIOL 1120/1121	4	
MATH 1730 (Math)	4		MATH 1910	4	
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
FRESHMAN SUMMER					
Hum/FA (Rubric 1)	3		Soc/Beh Sci (Rubric 1)	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		COMM 2200 (Comm)	3	
Elective	1		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
SUBTOTAL	**14**		**SUBTOTAL**	**14**	
SOPHOMORE SUMMER					
Students are encouraged to get involved in research.					
JUNIOR FALL			**JUNIOR SPRING**		
CHEM 4500	3		CHEM 4510	3	
Elective (upper division)	3	See advisor	CHEM 4530	2	
MATH 1920	4		CHEM 3000	1	
Soc/Beh Sci (Rubric 2)	3		Elective (upper division)	3	See advisor
Elective (upper division)	3		Elective (upper division)	3	See advisor
SUBTOTAL	**16**		**SUBTOTAL**	**12**	
JUNIOR SUMMER					
Students are encouraged to get involved in research.					
SENIOR FALL			**SENIOR SPRING**		
CHEM 4330/4331	4		CHEM 4360/4361	5	
CHEM 3880	1		CHEM 4400 or CHEM 4410	3	4400 offered in even years; 4410 offered in odd years
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
CSCI 1150	3	Or app. CSCI course	Elective (upper division)	3	See advisor
Hum/FA (Rubric 2)	3				
SUBTOTAL	**14**		**SUBTOTAL**	**14**	
TOTAL HOURS IN PROGRAM: 120					

MTSU is an AA/EEO employer; created using the 2014-15 undergraduate catalog