

2023–24 Geoscience–Geology (Geology Career Pattern) Academic Map

Department of Geosciences
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) 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	
HIST 2010, 2020, 2030, 2040, or 2050	3		HIST 2010, 2020, 2030, 2040, or 2050	3	
GEOL 1030/1031 (or GEOL 1040/1041)	4	Required course	GEOL 1050	4	Required course
COMM 2200 (Comm)	3		Soc/Beh Sci (Rubric 1)	3	
PGEO 4530	3	Required course			
SUBTOTAL	16		SUBTOTAL	13	
SOPHOMORE FALL			SOPHOMORE SPRING		
Soc/Beh Sci (Rubric 2)	3		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
CHEM 1110/1111 (Nat Sci)	4	required for cognate	CHEM 1120/1121	4	required for cognate
MATH 1910 (Math)	4	MATH 1910 and either MATH 1920 or MATH 1530 or MATH 2050 required for cognate	MATH 1920, MATH 1530, or MATH 2050	4	required for cognate
GEOL (required course)	5	See dept./advisor	GEOL (required course)	5	See dept./advisor
SUBTOTAL	16		SUBTOTAL	16	
JUNIOR FALL			JUNIOR SPRING		
Hum/FA (Rubric 1)	3		Hum/FA (Rubric 2)	3	
PHYS 2010/2011 or PHYS 2110/2111 (Nat Sci)	4	required for cognate	BIOL 1110/1111 or PHYS 2020/2021 or PHYS 2120/2121	4	required for cognate
GEOL (required course)	5	See dept./advisor	GEOL (required course)	5	See dept./advisor
GEOL (required course)	4	See dept./advisor	GEOL (required course)	5	See dept./advisor
SUBTOTAL	16		SUBTOTAL	17	
SENIOR FALL			SENIOR SPRING		
MATH/SCI elective	3	See dept./advisor	GEOL (required course)	2	See dept./advisor
GEOL (required course)	5	See dept./advisor	Geoscience elective	3	See dept./advisor
GEOL (required course)	3	See dept./advisor	Geoscience elective	3	See dept./advisor
MATH/SCI elective	3–4	See dept./advisor	GEOL Field Camp*	4	See dept./advisor
			*Note: GEOL 3401 may not be used to complete this requirement		
SUBTOTAL	14–15		SUBTOTAL	12	
TOTAL HOURS IN PROGRAM: 120					

Geoscience–Geology (Geology Career Pattern)

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	
GEOL 1030/1031 (or GEOL 1040/1041)	4	Required course	GEOL 1050	4	Required course
COMM 2200 (Comm)	3		GEOL required course	3	
PGEO 4530	3	Required course	Soc/Beh Sci (Rubric 1)	3	
HIST 2010, 2020, 2030, 2040, or 2050	3		HIST 2010, 2020, 2030, 2040, or 2050	3	
SUBTOTAL	16		SUBTOTAL	16	
SOPHOMORE SUMMER					
Soc/Beh Sci (Rubric 2)	3		ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
SUBTOTAL	3		SUBTOTAL	3	
SOPHOMORE FALL			SOPHOMORE SPRING		
CHEM 1110/1111 (Nat Sci)	4	required for cognate	CHEM 1120/1121	4	required for cognate
MATH 1910 (Math)	4	MATH 1910 and either MATH 1920 or MATH 1530 or MATH 2050 required for cognate	MATH 1920 or MATH 1530 or MATH 2050	4	
GEOL (required course)	5	See dept./advisor	GEOL (required course)	5	See dept./advisor
Hum/FA (Rubric 1)	3				
SUBTOTAL	16		SUBTOTAL	13	
JUNIOR FALL			JUNIOR SPRING		
PHYS 2010/2011 or PHYS 2110/2111 (Nat Sci)	4		BIOL 1110/1111 or PHYS 2020/2021 or PHYS 2120/2121	4	
GEOL (required course)	5	See dept./advisor	GEOL (required course)	5	See dept./advisor
GEOL (required course)	4	See dept./advisor	GEOL (required course)	5	See dept./advisor
SUBTOTAL	13		SUBTOTAL	14	
SENIOR FALL			SENIOR SPRING		
MATH/SCI elective	3	See dept./advisor	Geoscience elective	3	See dept./advisor
GEOL (required course)	2	See dept./advisor	Hum/FA (Rubric 2)	3	See dept./advisor
GEOL (required course)	5	See dept./advisor	Geoscience elective	3	See dept./advisor
MATH/SCI elective	3–4		GEOL Field Camp*	4	See dept./advisor
			*Note: GEOL 3401 may not be used to complete this requirement		
SUBTOTAL	13–14		SUBTOTAL	13	
NOTE: Because required GEOL courses vary between 1 and 5 credit hours, this academic map only serves as an example of degree completion within 8 semesters plus 4 summers. The actual number of hours taken per semester is dependent upon multiple factors such as specific courses offered and completion of prerequisites.					
TOTAL HOURS IN PROGRAM: 120					