2018–19 Actuarial Science Academic Map
Department of Mathematical Sciences
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**
MATH 1910 (Math)	4	Take MATH 1730 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).	MATH 1920	4	Prereq: MATH 1910 with a C or better
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
Nat Sci (Rubric 1)	4		CSCI 1170	4	Prereq: MATH 1730 with a C or better
Hum/FA (Rubric 1)	3		Nat Sci (Rubric 2)	4	
SUBTOTAL	**14**		**SUBTOTAL**	**15**	
SOPHOMORE FALL			SOPHOMORE SPRING		
MATH 3110	4	Prereq: MATH 1920	ECON 2420	3	
ECON 2410 (Soc/Beh Sci)	3		ACSI 4220	3	Prereq: MATH/ACSI 4200, ECON 2410/2420
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3		COMM 2200 (Comm)	3	
ACSI 4200	3	Prereq: MATH 1920	Hum/FA (Rubric 2)	3	
SUBTOTAL	**16**		**SUBTOTAL**	**15**	
JUNIOR FALL			JUNIOR SPRING		
STAT 3150	3	Prereq: MATH 1920	ACSI 4140	3	Prereq: MATH 3020 or 3110, STAT 3150
ACTG 3000	3	Prereq: Sophomore standing, ENGL 1010, college-level math	ACSI 4330	3	Prereq: ACSI 4230, STAT 4190
FIN 3050	3	Jr. standing	Minor course	3	
CSCI or INFS elective	3		STAT 4190	3	Prereq: STAT 3150
ACSI 4230	3	Prereq: ACSI/MATH 4200	Elective	3	MATH 2 010 suggested
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
SENIOR FALL			SENIOR SPRING		
Minor course	3		Minor course	3	
ACSI or STAT elective	3	ACSI 4630 suggested; other options include ACSI 4240, 4340, 4630, 4640; STAT 4200	ACSI or STAT elective	3	ACSI 4630 suggested; other options include ACSI 4240, 4340, 4630, 4640; STAT 4200
Minor course	3		MATH 4990	3	Taken final semester
Soc/Beh Sci	3		Minor course	3	
STAT 4320	3	STAT 3150 or MATH 2050	Elective	3	ACSI 4600 suggested
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
TOTAL HOURS IN PROGRAM: 120					

Actuarial Science 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**
MATH 1910 (Math)	4	Take MATH 1730 first if weak background in Math; may take MATH 1910 with acceptable Math ACT score (26).	ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	
ENGL 1010 (Comm)	3		Soc/Beh Sci	3	
Nat Sci (Rubric 1)	4		CSCI 1170	4	Prereq: MATH 1730 with a C or better
Hum/FA (Rubric 1)	3		MATH 1920	4	Prereq: MATH 1910 with a C or better
SUBTOTAL	**14**		**SUBTOTAL**	**14**	

FRESHMAN SUMMER					
ENGL 1020 (Comm)	3		MATH 3110	4	Prereq: MATH 1920
SUBTOTAL	**3**		**SUBTOTAL**	**4**	

SOPHOMORE FALL			SOPHOMORE SPRING		
Nat Sci (Rubric 2)	4		HIST 2010, HIST 2020, or HIST 2030	3	
ECON 2420	3		ACSI 4220	3	Prereq: MATH/ACSI 4200, ECON 2410/2420
Hum/FA (Rubric 2)	3		Elective	3	MATH 2010 suggested
ACSI 4200	3	Prereq: MATH 1920	CSCI or INFS elective	3	
SUBTOTAL	**13**		**SUBTOTAL**	**12**	

SOPHOMORE SUMMER					
ECON 2410 (Soc/Beh Sci)	3		HIST 2010, HIST 2020, or HIST 2030	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	

JUNIOR FALL			JUNIOR SPRING		
STAT 3150	3	Prereq: MATH 1920	ACSI 4140	3	Prereq: MATH 3020 or 3110, STAT 3150
ACTG 3000	3	Prereq: Sophomore standing, ENGL 1010, college-level math	ACSI 4330	3	Prereq: ACSI 4230, STAT 4190
FIN 3050	3	Jr. standing	STAT 4190	3	Prereq: STAT 3150
ACSI 4230	3	Prereq: ACSI/MATH 4200	Minor course	3	
SUBTOTAL	**12**		**SUBTOTAL**	**12**	

JUNIOR SUMMER					
COMM 2200 (Comm)	3		Minor course	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	

SENIOR FALL			SENIOR SPRING		
Minor course	3		Minor course	3	
ACSI or STAT elective	3	ACSI 4630 suggested; other options include ACSI 4240, 4340, 4630, 4640; STAT 4200	ACSI or STAT elective	3	ACSI 4630 suggested; other options include ACSI 4240, 4340, 4630, 4640; STAT 4200
STAT 4320	3	STAT 3150 or MATH 2050	MATH 4990	3	Taken final semester
Elective	3	ACSI 4600 suggested	Minor course	3	
SUBTOTAL	**12**		**SUBTOTAL**	**12**	

TOTAL HOURS IN PROGRAM: 120