

2023–24 Aerospace–Unmanned Aircraft Systems Operations Academic Map

Department of Aerospace

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
AERO 1010	3		AERO 1710	3	
AERO 1020	3	Lab fee required	AERO 2010	3	
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
MATH 1710 or MATH 1810 or 1910 (Math)	3–4	Placement required	HIST 2010, 2020, 2030, 2040, or 2050	3	
PGEO 1030	4	Geospatial Analysis Minor req.	Soc/Beh Sci (Rubric 1)	3	
SUBTOTAL	16–17		SUBTOTAL	15	
SOPHOMORE FALL			SOPHOMORE SPRING		
AERO 2201 or AERO 2710	2	Prereq: Permission of inst.	AERO 3030	3	Prereq: AERO 1010 and 1020
AERO 3170	3	Prereq: AERO 1010 and 1020	AERO 3210 or AERO 3510	3	Prereq: AERO 2201 or 2710
PGEO 4530	3		PGEO 4560	3	Prereq: PGEO 4530
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	Prereq: ENGL 1020	Hum/FA (Rubric 1)	3	
HIST 2010, 2020, 2030, 2040, or 2050	3		Soc/Beh Sci (Rubric 2)	3	
SUBTOTAL	14		SUBTOTAL	15	
JUNIOR FALL			JUNIOR SPRING		
PHYS 2010/2011 or PHYS 2110/2111	4	Program req.	AERO 3720 (remote pilot cert req.)	1	Prereq: AERO 3710/3711; coreq: AERO 3720
AERO 3710	1	Prereq: AERO 1710; coreq: AERO 3711	AERO 3721	2	Prereq: AERO 3710/3711; coreq: AERO 3720
AERO 3711	2	Prereq: AERO 1710; coreq: AERO 3710	AERO 3020	3	Prereq: AERO 1010/1020; MATH 1530 or 1710 or 1810 or 1910; PHYS 2010/2011 or PHYS 2110/2111
COMM 2200 (Comm)	3		PGEO 4490	4	
Minor course	3		Minor course	3	
Hum/FA (Rubric 2)	3		General elective	4	if needed
SUBTOTAL	16		SUBTOTAL	17	
SENIOR FALL			SENIOR SPRING		
AERO 4040 (capstone)	1	Prereq: Sr. standing, AERO 1010 and 1020 and pre/coreq: AERO 3020 and 3030	AERO 4700/4701	4	Prereq: AERO 3730/3731
AERO 3730	1	Prereq: AERO 3720/3721; coreq: AERO 3731	AERO 4710	3	Prereq: AERO 3730/3731
AERO 3731	2	Prereq: AERO 3720/3721; coreq: AERO 3730	EXL 4000	1	
PGEO 4511	3	Prereq: PGEO 4490	Minor	3	
Minor course	3		Minor/elective	3	
Minor course	3				
SUBTOTAL	13		SUBTOTAL	14	
TOTAL HOURS IN PROGRAM: 120					

Aerospace–Unmanned Aircraft Systems Operations

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
AERO 1010	3		AERO 1710	3	
AERO 1020	3	Lab fee required	AERO 2010	3	
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
MATH 1710 or MATH 1810 or 1910 (Math)	3–4	Placement required	HIST 2010, 2020, 2030, 2040, or 2050	3	
PGEO 1030	4	Geospatial Analysis Minor req.			
SUBTOTAL	16–17		SUBTOTAL	12	
FRESHMAN SUMMER					
Hum/FA (Rubric 1)	3		Soc/Beh Sci (Rubric 1)	3	ECON 2410 rec.
SUBTOTAL	3		SUBTOTAL	3	
SOPHOMORE FALL			SOPHOMORE SPRING		
AERO 2201 or AERO 2710	2	Prereq: Permission of inst.	AERO 3030	3	Prereq: AERO 1010 and 1020
AERO 3170	3	Prereq: AERO 1010 and 1020	AERO 3210 or AERO 3510	3	Prereq: AERO 2201 or 2710
PGEO 4530	3		PGEO 4560	3	Prereq: PGEO 4530
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3	Prereq: ENGL 1020	Soc/Beh Sci (Rubric 2)	3	
HIST 2010, 2020, 2030, 2040, or 2050	3				
SUBTOTAL	14		SUBTOTAL	12	
JUNIOR FALL			JUNIOR SPRING		
PHYS 2010/2011 or PHYS 2110/2111	4	Program req.	AERO 3720 (remote pilot cert req.)	1	Prereq: AERO 3710/3711; coreq: AERO 3720
AERO 3710	1	Prereq: AERO 1710; coreq: AERO 3711	AERO 3721	2	Prereq: AERO 3710/3711; coreq: AERO 3720
AERO 3711	2	Prereq: AERO 1710; coreq: AERO 3710	AERO 3020	3	Prereq: AERO 1010/1020; MATH 1530 or 1710 or 1810 or 1910; PHYS 2010/2011 or PHYS 2110/2111
COMM 2200 (Comm)	3		PGEO 4490	4	
Hum/FA (Rubric 2)	3		General elective	4	if needed
SUBTOTAL	13		SUBTOTAL	14	
JUNIOR SUMMER					
Minor	3		Minor	3	
SUBTOTAL	3		SUBTOTAL	3	
SENIOR FALL			SENIOR SPRING		
AERO 4040 (capstone)	1	Prereq: Sr. standing, AERO 1010 and 1020 and pre/coreq: AERO 3020 and 3030	AERO 4700/4701	4	Prereq: AERO 3730/3731
AERO 3730	1	Prereq: AERO 3720/3721; coreq: AERO 3731	AERO 4710	3	Prereq: AERO 3730/3731
AERO 3731	2	Prereq: AERO 3720/3721; coreq: AERO 3730	EXL 4000	1	
PGEO 4511	3	Prereq: PGEO 4490	Minor	3	
Minor course	3		Minor/elective	3	
Minor course	3				
SUBTOTAL	13		SUBTOTAL	14	
TOTAL HOURS IN PROGRAM: 120					