

2025–26 Aerospace–Unmanned Aircraft Systems Operations Academic Map

Department of Aerospace

Middle Tennessee State University • Murfreesboro



Scan the QR code or [click here](#) for more information about the True Blue Core (TBC).

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.*

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	
Written Communication	3	TBC	Information Literacy	3	TBC
MATH 1710 or MATH 1810 or 1910	3–4	TBC; Major; Placement required	History and Civic Learning	3	TBC; one must come from Discovery; HIST 2065/Aviation rec.
PGEO 1030	4	TBC; Major; Geospatial Analysis Minor req.	Human Society and Social Relationships	3	TBC; one must come from Discovery
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
Creativity and Cultural Expression Literature	3	TBC; Prereq: ENGL 1020	Creativity and Cultural Expression	3	TBC; one must come from Discovery
History and Civic Learning	3	TBC; one must come from Discovery	Human Society and Social Relationships	3	TBC; one must come from Discovery
SUBTOTAL	14		SUBTOTAL	15	
JUNIOR FALL			JUNIOR SPRING		
PHYS 2010/2011 or PHYS 2110/2111	4	TBC; Major; 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
Non-Written Communication	3	TBC	PGEO 4490	4	
Minor course	3		Minor course	3	
Creativity and Cultural Expression	3	TBC; one must come from Discovery	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

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. Refer to www.mtsu.edu/financial-aid/scholarships for information regarding use of the Lottery Scholarship for the summer term.

NOTE: Learning Support courses will alter the sequences on this map.

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	
Written Communication	3	TBC	Information Literacy	3	TBC
MATH 1710 or MATH 1810 or 1910	3–4	TBC; Major; Placement required	History and Civic Learning	3	TBC; one must come from Discovery; HIST 2065/Aviation rec.
PGEO 1030	4	TBC; Major; Geospatial Analysis Minor req.			
SUBTOTAL	16–17		SUBTOTAL	12	
FRESHMAN SUMMER					
Creativity and Cultural Expression	3	TBC; one must come from Discovery	Human Society and Social Relationships	3	TBC; one must come from Discovery
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
Creativity and Cultural Expression Literature	3	TBC; Prereq: ENGL 1020	Human Society and Social Relationships	3	TBC; one must come from Discovery
History and Civic Learning	3	TBC; one must come from Discovery			
SUBTOTAL	14		SUBTOTAL	12	
JUNIOR FALL			JUNIOR SPRING		
PHYS 2010/2011 or PHYS 2110/2111	4	TBC; Major; 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
Non-Written Communication	3	TBC	PGEO 4490	4	
Creativity and Cultural Expression	3	TBC; one must come from Discovery	General elective	4	if needed
SUBTOTAL	13		SUBTOTAL	14	
JUNIOR SUMMER					
Minor course	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					