

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is only one strategy. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Electives, and university requirements (see pg.2) are based on Catalog Year.

Course Subject and Title	Cr.	Min. Grade	*GE, UU or UM	**Sem. Offered	Prerequisite	Co-Requisite
Semester One						
GE Objective 1: ENGL 1101 English Composition	3	D-	GE		Placement Score	
GE Objective 3: Mathematical Ways of Knowing	3	D-	GE			
UAS 0100: Introduction to Unmanned Aerial Systems	1	C-		F	UAS program major	
UAS 0110: Applied Mathematics and Electronics for UAS	3	C-		F	UAS major	
UAS 0115: Flight Theory	3	C-		F	UAS major	
UAS 0120: Flight Laboratory I	4	C-		F	UAS major	
Total	17					
Semester Two						
GE Objective 2: COMM 1101 Principles of Speech	3	D-	GE			
GE Objective 6: Behavioral or Social Ways of Knowing	3	D-	GE			
UAS 0150: Unmanned Systems Design	2	C-		S	UAS major	
UAS 0155: Flight Control and Subsystems	4	C-		S	UAS major	
UAS 0170: Flight Laboratory II	4	C-		S	UAS major	
UAS 0382: introduction to Rapid Prototyping	2	C-			UAS major	
Total	18					
Semester Three						
UAS 0200: Advanced Electronics and Payload for UAS	4	C-		F	UAS major	UAS 0110 or RCET 0156
UAS 0212: Beginning Surveying, GPS and Geo-Referencing	3	C-		F	UAS major	
UAS 0228: Principles of GIS	3	C-		F	UAS major	UAS 0110 OR CET 0120
UAS 0225: Flight Laboratory III	5	C-		F	UAS major	UAS 0110 OR RCET 0142
UAS 0250: Imagery Analysis	3	C-		F	UAS major	
Total	18					
Semester Four						
GE Objective 5: PHYS 1101/L Elements of Physics and Lab	4	D-	GE			
UAS 0240: Basic Wiring and Avionics Installation	5	C-		S	UAS major	UAS 0200
UAS 0255: Autopilot Theory	3	C-		S	UAS major	UAS 0270, UAS 0200 OR RCET 0154
UAS 0270: Autopilot Laboratory	5	C-		S	UAS major	UAS 0255, UAS 0200 OR RCET 0156
Total	17					

*GE=General Education Objective, UU=Upper Division University, UM= Upper Division Major

**See Course Schedule section of Course Policies page in the e-catalog (or input F, S, Su, etc.)

2021-2022 Major Requirements		CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,5,and 6	16 cr. min
MAJOR REQUIREMENTS		54	1. Written English (3 cr. min) ENGL 1101	3
UAS 0100: Introduction to Unmanned Aerial Systems		1		
UAS 0110: Applied Mathematics and Electronics for UAS		3	2. Spoken English (3 cr. min) COMM 1101	3
UAS 0115: Flight Theory		3	3. Mathematics (3 cr. min) Recommend TGE 1140	3
UAS 0120: Flight Laboratory I		4	4. Humanities, Fine Arts, Foreign Lang.	
UAS 0150: Unmanned Systems Design		2		
UAS 0155: Flight Control and Subsystems		4		
UAS 0170: Flight Laboratory II		4	5. Natural Sciences (1 lectures, 1 lab; 4 cr. min)	
UAS 0200: Advanced Electronics and Payload for UAS		4	PHYS 1101 w/Lab	4
UAS 0212: Beginning Surveying, GPS and Geo-Referencing		3		
UAS 0225: Flight Laboratory III		5		
UAS 0228: Principles of GIS		3	6. Behavioral and Social Science (1 course; 3 cr. min)	
UAS 0240: Basic Wiring and Avionics Installation		5		3
UAS 0250: Imagery Analysis		3		
UAS 0255: Autopilot Theory		3	One Course from EITHER Objective 7 OR 8	
UAS 0270: Autopilot Laboratory		5	7. Critical Thinking	
UAS 0382: introduction to Rapid Prototyping		2	8. Information Literacy	
			9. Cultural Diversity	
PHYS 1101 w/Lab (counted as GE Obj. 5)				
			General Education Elective to reach 36 cr. min. (if necessary)	
			Total GE	16
			Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/	
			MAP Credit Summary	CR
			Major	54
			General Education	16
			Upper Division Free Electives to reach 36 credits	0
			Free Electives to reach 120 credits	0
			TOTAL	70
			Graduation Requirement Minimum Credit Checklist	Confirmed
			Minimum 36 cr. General Education Objectives (15 cr. AAS)	X
			Minimum 15 cr. Upper Division in Major (0 cr. Associate)	
			Minimum 36 cr. Upper Division Overall (0 cr. Associate)	
			Minimum of 120 cr. Total (60 cr. Associate)	X
Advising Notes			MAP Completion Status (for internal use only)	
				Date
			CAA or COT:	TIM 03/27/2020
			Complete College American Momentum Year	
			Math and English course in first year-Specific GE MATH course identified	
			9 credits in the Major area in first year	
			15 credits each semester (or 30 in academic year)	
			Milestone courses	