



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
<b>Semester One</b>						
AIRM 0100: Introduction to Aircraft and Aerodynamics	2	C-		F		
AIRM 0101: Mathematics	3	C-		F		
AIRM 0104: Materials and Processes	4	C-		F		
AIRM 0107: Forms and Regulations	2	C-		F		
AIRM 0113: Rigging and Inspection	2	C-		F		
<b>Total</b>	<b>13</b>					
<b>Semester Two</b>						
AIRM 0108: Basic Electricity	3	C-		S		
AIRM 0109: Fluid Systems	2	C-		S		
AIRM 0110: Landing Gear Systems	2	C-		S		
AIRM 0114: Metallic Structures	4	C-		S		
AIRM 0115: Aircraft Instruments, Comm, and Navigation	2	C-		S		
<b>Total</b>	<b>13</b>					
<b>Semester Three (Summer)</b>						
AIRM 0111: Auxiliary Systems	3	C-		Su		
AIRM 0112: Aircraft Electrical Systems	3	C-		Su		
<b>Total</b>	<b>6</b>					
<b>Semester Four</b>						
AIRM 0116: Non-Metallic Structures	3	C-		F		
AIRM 0223: Basic Turbine Engines	3	C-		F		
AIRM 0224: Advanced Turbine Engines	2	C-		F		
AIRM 0225: Powerplant Lubrication Systems	2	C-		F		
AIRM 0230: Propeller Systems	2	C-		F		
<b>Total</b>	<b>12</b>					
<b>Semester Five</b>						
AIRM 0221: Reciprocating Engine Theory and Practice	3	C-		S		
AIRM 0222: Adv Reciprocating Engine Inspect & Mainten	2	C-		S		
AIRM 0227: Engine Fuel Metering Systems	2	C-		S		
AIRM 0228: Engine Ignition Systems	2	C-		S		
AIRM 0229: Engine Electrical and Instrument Systems	2	C-		S		
<b>Total</b>	<b>11</b>					
<b>Semester Six</b>						
<b>Total</b>						
<b>Semester Seven</b>						
<b>Total</b>						

\*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.)

<b>2022-2023 Major Requirements</b>	<b>CR</b>	<b>GENERAL EDUCATION OBJECTIVES</b> <b>Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9</b>	<b>0 cr. min</b>
<b>MAJOR REQUIREMENTS</b>	<b>55</b>	1. Written English (3 cr. min) ENGL 1101	
AIRM 0100: Introduction to Aircraft and Aerodynamics	2	ENGL 1102	
AIRM 0101: Mathematics	3	2. Spoken English (3 cr. min) COMM 1101	
AIRM 0104: Materials and Processes	4	3. Mathematics (3 cr. min)	
AIRM 0107: Forms and Regulations	2	4. Humanities, Fine Arts, Foreign Lang.	
AIRM 0108: Basic Electricity	3		
AIRM 0109: Fluid Systems	2		
AIRM 0110: Landing Gear Systems	2	5. Natural Sciences	
AIRM 0111: Auxiliary Systems	3		
AIRM 0112: Aircraft Electrical Systems	3		
AIRM 0113: Rigging and Inspection	2		
AIRM 0114: Metallic Structures	4	6. Behavioral and Social Science (1 course; 3 cr. min)	
AIRM 0115: Aircraft Instruments, Comm, and Navigation	2		
AIRM 0116: Non-Metallic Structures	3		
AIRM 0221: Reciprocating Engine Theory and Practice	3	One Course from EITHER Objective 7 OR 8	
AIRM 0222: Adv Reciprocating Engine Inspect & Maintenance	2	7. Critical Thinking	
AIRM 0223: Basic Turbine Engines	3	8. Information Literacy	
AIRM 0224: Advanced Turbine Engines	2	9. Cultural Diversity	
AIRM 0225: Powerplant Lubrication Systems	2		
AIRM 0227: Engine Fuel Metering Systems	2	General Education Elective to reach 36 cr. min. (if necessary)	
AIRM 0228: Engine Ignition Systems	2		
AIRM 0229: Engine Electrical and Instrument Systems	2	<b>Total GE</b>	<b>0</b>
AIRM 0230: Propeller Systems	2	Undergraduate Catalog and GE Objectives by <a href="http://coursecat.isu.edu/undergraduate/programs/">Catalog Year</a> <a href="http://coursecat.isu.edu/undergraduate/programs/">http://coursecat.isu.edu/undergraduate/programs/</a>	
<b>MAP Credit Summary</b>			<b>CR</b>
Major			55
General Education			0
Upper Division Free Electives to reach 36 credits			0
Free Electives to reach 120 credits			0
		<b>TOTAL</b>	<b>55</b>
<b>Graduation Requirement Minimum Credit Checklist</b>			<b>Confirmed</b>
Minimum 36 cr. General Education Objectives (15 cr. AAS)			
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)			
<b>Advising Notes</b>		<b>MAP Completion Status (for internal use only)</b>	
		<i>Date</i>	
CAA or COT:		PJ 04/28/2022	
		<b>Complete College American Momentum Year</b>	
		<b>Math and English course in first year-Specific GE MATH course identified</b>	
		<b>9 credits in the Major area in first year</b>	
		<b>15 credits each semester (or 30 in academic year)</b>	
		<b>Milestone courses</b>	