



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-Requirement
Semester One						
GE Objective 2: COMM 1101 Fundamentals of Oral Comm	3	C-	GE	F, S		
DESL 1101: Safety and Introduction to Shop Practices	2	D-		D	Minimum score of 14 on ALEKS or equivalent	
DESL 1102: Introduction to Electrical	2	D-		F, S		
DESL 1103: Electrical Systems	3	D-		F, S		
DESL 1107: Basic Diesel Electrical Systems	2	D-		D		
DESL 1125: Heavy Duty Power Trains	8	D-		D		
Total	20					
Semester Two						
GE Objective 6: Social and Behavioral Ways of Knowing	3	C-	GE			
DESL 1109: Cab Climate Control	2	D-		D		
DESL 1113: Diesel Engine Fuel Systems	3	D-		F, S		
DESL 2217: Advanced Engine Electronics Systems	5	D-		F, S		
DESL 1184: Diesel Engine Technology	5	D-		D		
DESL 1186: Diesel Engine Electrical Systems	2	D-		F, S		
DESL 1190: Diesel Engine Emission Systems	2	D-		F, S		
Total	22					
Semester Three						
GE Objective 3: Mathematical Ways of Knowing	3	C-	GE			
DESL 1115: Diesel Hydraulics I	2	D-		D		
DESL 2215: Advanced Hydraulics	6	D-		F, S		
DESL 2231: Live Work Capstone Class OR DESL 2232: Internship Capstone Class	8	D-		D F, S, Su		
Total	19					
Semester Four						
GE Objective 1: ENGL 1101 Writing and Rhetoric I	3	C-	GE	F, S, Su		
Elective GE: Any Objective Not Previously Applied	3	C-	GE			
DESL 2241: On Site Power Generation I	8	D-		F, S		
DESL 2243: On Site Power Generation II	8	D-		F, S		
Total	22					

*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.)

2023-2024 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES	15 cr. min
MAJOR REQUIREMENTS	68	Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	
DESL 1101: Safety and Introduction to Shop Practices	2	1. Written English (3 cr. min) ENGL 1101	3
DESL 1102: Introduction to Electrical	2	2. Spoken English (3 cr. min) COMM 1101	3
DESL 1103: Electrical Systems	3	3. Mathematics (3 cr. min)	3
DESL 1107: Basic Diesel Electrical Systems	2	4. Humanities, Fine Arts, Foreign Lang.	
DESL 1109: Cab Climate Control	2		
DESL 1113: Diesel Engine Fuel Systems	3		
DESL 1115: Diesel Hydraulics I	2	5. Natural Sciences	
DESL 1125: Heavy Duty Power Trains	8		
DESL 1184: Diesel Engine Technology	5		
DESL 1186: Diesel Engine Electrical Systems	2		
DESL 1190: Diesel Engine Emission Systems	2	6. Behavioral and Social Science (1 course; 3 cr. min)	
DESL 2215: Advanced Hydraulics	6	Any	3
DESL 2217: Advanced Engine Electronics Systems	5		
DESL 2231: Live Work Capstone Class OR DESL 2232: Internship Capstone Class	8	One Course from EITHER Objective 7 OR 8	
DESL 2241: On Site Power Generation I	8	7. Critical Thinking	
DESL 2243: On Site Power Generation II	8	8. Information Literacy	
		9. Cultural Diversity	
COMM 1101: Fundamentals of Oral Communication (Counted in GE Obj. 2)			
		General Education Elective to reach 15 cr. min. (if necessary)	
		Any	3
		Total GE	15
		Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/	
		MAP Credit Summary	CR
		Major	68
		General Education	15
		Upper Division Free Electives to reach 36 credits	0
		Free Electives to reach 120 credits	0
		TOTAL	83
		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)	
			<i>Date</i>
		CAA or COT:	MLH 07/14/2023
		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	