



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						
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	17					
Semester Two						
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	19					
Semester Three						
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	16					
*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.)						

2025-2026 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	0 cr. min
MAJOR REQUIREMENTS	52	1. Written English	
DESL 1101: Safety and Introduction to Shop Practices	2		
DESL 1102: Introduction to Electrical	2	2. Spoken English	
DESL 1103: Electrical Systems	3	3. Mathematics	
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: Basic 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	
DESL 2215: Advanced Hydraulics	6		
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	
		7. Critical Thinking	
		8. Information Literacy	
		9. Cultural Diversity	
		General Education Elective to reach 36 cr. min.	
		Total GE	0
		Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/	
		MAP Credit Summary	CR
		Major	52
		General Education	0
		Upper Division Free Electives to reach 36 credits	0
		Free Electives to reach 120 credits	0
		TOTAL	52
		Graduation Requirement Minimum Credit Checklist	Confirmed
		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)	
Advising Notes		MAP Completion Status (for internal use only)	
			<i>Date</i>
		CAA or COT:	SF 05/12/2025
		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	