

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>						
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		
<b>Total</b>	<b>17</b>					
<b>Semester Two</b>						
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		
<b>Total</b>	<b>19</b>					
<b>Semester Three</b>						
DESL 1115: Diesel Hydraulics I	2	D-		D		
DESL 2215: Advanced Hydraulics	6	D-		F, S		
DESL 2231: Live Work Capstone Class <b>OR</b>	8	D-		D		
DESL 2232: Internship Capstone Class				F, S, Su		
<b>Total</b>	<b>16</b>					
<b>Semester Four</b>						
DESL 2241: On Site Power Generation I	8	D-		F, S		
DESL 2243: On Site Power Generation II	8	D-		F, S		
<b>Total</b>	<b>16</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.)

2023-2024 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	6 cr. min
<b>MAJOR REQUIREMENTS</b>	<b>68</b>	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: 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	
DESL 2215: Advanced Hydraulics	6		
DESL 2217: Advanced Engine Electronics Systems	5		
DESL 2231: Live Work Capstone Class <b>OR</b>	8	One Course from EITHER Objective 7 OR 8	
DESL 2232: Internship Capstone Class		7. Critical Thinking	
DESL 2241: On Site Power Generation I	8	8. Information Literacy	
DESL 2243: On Site Power Generation II	8	9. Cultural Diversity	
		General Education Elective to reach 36 cr. min. (if necessary)	
		<b>Total GE</b>	<b>0</b>
		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	68
		General Education	0
		Upper Division Free Electives to reach 36 credits	0
		Free Electives to reach 120 credits	0
		<b>TOTAL</b>	<b>68</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:	MLH 07/14/2023
		<b>Complete College American Momentum Year</b>	
		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	