

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: Any	3	D-	GE			
WELD 1130: Safety and Leadership	2	C		F, S	Minimum score of 14 on ALEKS or equivalent and permission of instructor	
WELD 1131: Welding Practice I OR WELD 1131A: Shielded Metal Arc Welding AND WELD 1131B: Gas Metal Arc Welding AND WELD 1131C: Flux Cored Arc Welding	12	C		F, S F, S, D F, S, D F, S, D	Instructor Permission	
WELD 1140: Welding Theory	2	C		F		
WELD 1143: Shop Math I	2	C		F		
Total	21					
Semester Two						
GE Objective 2: COMM 1101 Fundamentals of Oral Communication	3	D-	GE	F, S		
WELD 1132: Welding Practice II	10	C		F, S	WELD 1131	
WELD 1141: Mechanical Drawing	2	C		S		
WELD 1142: Blueprint Reading for Welders	2	C		S		
Total	17					
Semester Three (Summer)						
GE Objective 3: Any	3	D-	GE	Su		
Total	3					
Semester Four						
GE Objective 6: Any	3	D-	GE	F		
WELD 2231: Welding Practice III	10	C		F	WELD 1132	
WELD 2241: Metal Layout	3	C		F	WELD 1141	
Total	16					
Semester Five						
Elective GE: Any Objective Not Previously Applied	3	D-	GE	S		
WELD 2232: Welding Practice IV	10	C		S	WELD 2231	
WELD 2243: Shop Math II	3	C		S	WELD 1143	
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.)						

2026-2027 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	15 cr. min
MAJOR REQUIREMENTS	58	1. Written English Any	3
WELD 1130: Safety and Leadership	2		
WELD 1131: Welding Practice I OR WELD 1131A: Shielded Metal Arc Welding AND WELD 1131B: Gas Metal Arc Welding AND WELD 1131C: Flux Cored Arc Welding	12	2. Spoken English COMM 1101 3. Mathematics Any 4. Humanities, Fine Arts, Foreign Lang.	3 3
WELD 1132: Welding Practice II	10		
WELD 1140: Welding Theory	2	5. Natural Sciences	
WELD 1141: Mechanical Drawing	2		
WELD 1142: Blueprint Reading for Welders	2		
WELD 1143: Shop Math I	2		
WELD 2231: Welding Practice III	10	6. Behavioral and Social Science	
WELD 2232: Welding Practice IV	10	Any	3
WELD 2241: Metal Layout	3		
WELD 2243: Shop Math II	3	One Course from EITHER Objective 7 OR 8	
		7. Critical Thinking	
COMM 1101: Fundamentals of Oral Communication (Counted in GE Obj. 2)		8. Information Literacy	
		9. Cultural Diversity	
		General Education Elective to reach 36 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	58
		General Education	15
		Upper Division Free Electives to reach 36 credits	0
		Free Electives to reach 120 credits	0
		TOTAL	73
		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)	X
		Minimum 36 cr. Upper Division Overall (0 cr. Associate)	X
		Minimum of 120 cr. Total (60 cr. Associate)	X
Advising Notes		MAP Completion Status (for internal use only)	
			Date
		CAA or COT:	BN 05/20/2026
		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	