



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: ENGL 1101 Writing and Rhetoric I	3	D-	GE	F, S, Su		
WELD 1130: Safety and Leadership	2	C		F, S	Minimum score of 14 on ALEKS or equivalent and permission	
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 1131A WELD 1131A, 1131B
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 Comm	3	D-	GE	F, S		
WELD 1132: Welding Practice II	12	C		F, S	WELD 1131	
WELD 1141: Mechanical Drawing	2	C		S		
WELD 1142: Blueprint Reading for Welders	2	C		S		
Total	19					
Semester Three (Summer)						
GE Objective 3: Mathematical Ways of Knowing	3	D-	GE	Su		
Total	3					
Semester Four						
GE Objective 6: Social & Behavioral Ways of Knowing	3	D-	GE	F		
WELD 2231: Welding Practice III	13	C		F	WELD 1132	
WELD 2241: Metal Layout	3	C		F	WELD 1143	
Total	19					
Semester Five						
Elective GE: Any Objective Not Previously Applied	3	D-	GE	S		
WELD 2232: Welding Practice IV	13	C		S	WELD 2231	
WELD 2243: Shop Math II	3	C		S	WELD 1143	
Total	19					

*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		15 cr. min
MAJOR REQUIREMENTS	66	1. Written English (3 cr. min) ENGL 1101		3
WELD 1130: Safety and Leadership	2	ENGL 1102		
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 (3 cr. min) COMM 1101		3
		3. Mathematics (3 cr. min) Any		3
		4. Humanities, Fine Arts, Foreign Lang.		
WELD 1132: Welding Practice II	12			
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	13	6. Behavioral and Social Science (1 course; 3 cr. min)		
WELD 2232: Welding Practice IV	13	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		8. Information Literacy		
(Counted in GE Obj. 2)		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		66
		General Education		15
		Upper Division Free Electives to reach 36 credits		0
		Free Electives to reach 120 credits		0
		TOTAL		81
		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)		
			Date	
		CAA or COT:	MLH 10/31/2023	
		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		