



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						
WELD 1130: Safety and Leadership	2	C		F, S, D	Minimum score of 14 on ALEKS 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	Permission of instructor	
WELD 1141: Mechanical Drawing	2	C		S		
WELD 1142: Blueprint Reading for Welders	2	C		S		
Total	18					
Semester Two						
WELD 1132: Welding Practice II OR WELD 1133: Fabrication Welding Processes and Applications	10	C		F, S D	WELD 1131	
WELD 1140: Welding Theory	2	C		F		
WELD 1143: Shop Math I	2	C		F		
Total	14					
*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	0 cr. min
MAJOR REQUIREMENTS	32	1. Written English	
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	
		3. Mathematics	
		4. Humanities, Fine Arts, Foreign Lang.	
WELD 1132: Welding Practice II OR WELD 1133: Fabrication Welding Processes and Applications	10	5. Natural Sciences	
WELD 1140: Welding Theory	2		
WELD 1141: Mechanical Drawing	2		
WELD 1142: Blueprint Reading for Welders	2		
WELD 1143: Shop Math I	2	6. Behavioral and Social Science	
		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	
		32	
		General Education	
		0	
		Upper Division Free Electives to reach 36 credits	
		0	
		Free Electives to reach 120 credits	
		0	
		TOTAL	
		32	