

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						
MACH 0261: CNC Introduction to Theory (early 8 weeks)	2	D-		F,S		MACH 0265
MACH 0265: Introduction to CNC Machine Practice (early 8 weeks)	4	D-		F,S		MACH 0261
MACH 0270: CNC Machining Practice I (late 8 weeks)	4	D-		F,S		MACH 0271
MACH 0271: CNC Programming Theory I (late 8 weeks)	2	D-		F,S		MACH 0270
MACH 0272: CNC Math I (late 8 weeks)	3	D-		F,S	MACH 0135	
Total	15					
Semester Two						
MACH 0281: CNC Programming Theory II (early 8 weeks)	1	D-		F,S	MACH 0271	MACH 0290
MACH 0290: CNC Machining Practice II (early 8 weeks)	3	D-		F,S	MACH 0270	MACH 0281
Total	4					

*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.)

2022-2023 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1 and 2	0 cr. min
MAJOR REQUIREMENTS	19	1. Written English (3 cr. min)	
MACH 0261: CNC Introduction to Theory	2		
MACH 0265: Introduction to CNC Machine Practice	4	2. Spoken English (3 cr. min)	
MACH 0270: CNC Machining Practice I	4	3. Mathematics (3 cr. min)	
MACH 0271: CNC Programming Theory I	2	4. Humanities, Fine Arts, Foreign Lang.	
MACH 0272: CNC Math I	3		
MACH 0281: CNC Programming Theory II	1		
MACH 0290: CNC Machining Practice II	3	5. Natural Sciences	
		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. (if necessary)	
		Total GE	0
		Undergraduate Catalog and GE Objectives by Catalog Year	
		http://coursecat.isu.edu/undergraduate/programs/	
		MAP Credit Summary	CR
		Major	19
		General Education	
		Upper Division Free Electives to reach 36 credits	
		Free Electives to reach 120 credits	
		TOTAL	19
		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:	MLH 06/2022
		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	