



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	Appropriate placement score	
ESET 1100: Engineering Technology Orientation	1	C-		F, S, D		
ESET 1100L: Introduction to an Industrial Environment Lab	1	C-		F, S, D	Minimum score of ALEKS 30 or equivalent	
ESET 1101: Electrical Circuits I	4	C-		F, S, D		ESET 1101L
ESET 1101L: Electrical Circuits I Lab	4	C-		F, S, D		ESET 1101
ESET 1140: Applied Technical Intermediate Algebra	5	C-		F, S, D		
Total	18					
Semester Two						
GE Objective 5: PHYS 1101/L Elements of Physics and Lab OR CHEM 1100 Concepts of Chemistry	4	D-	GE	F, S	Appropriate placement score	
GE Objective 3: MATH 1143 Precalculus I: Algebra OR MATH 1144 Precalculus II: Trigonometry OR MATH 1147 Precalculus OR MATH 1153 Statistical Reasoning OR MATH 1170 Calculus I OR MGT 2216 Business Statistics	2-5	D-	GE		Appropriate placement score	
ESET 1102: Electrical Circuits II	5	C-		F, S, D		ESET 1102L
ESET 1102L: Electrical Circuits II Lab	5	C-		F, S, D		ESET 1102
Total	16-19					
*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.)						

2025-2026 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	4 cr. min
MAJOR REQUIREMENTS	25	1. Written English ENGL 1101	3
ESET 1100: Engineering Technology Orientation	1		
ESET 1100L: Introduction to an Industrial Environment Lab	1	2. Spoken English	
ESET 1101: Electrical Circuits I	4	3. Mathematics MATH 1143 or 1144 or 1147 or 1153 or 1170 or MGT 2216	2-5
ESET 1101L: Electrical Circuits I Laboratory	4	4. Humanities, Fine Arts, Foreign Lang.	
ESET 1102: Electrical Circuits II	5		
ESET 1102L: Electrical Circuits II Laboratory	5		
ESET 1140: Applied Technical Intermediate Algebra	5	5. Natural Sciences	
		PHYS 1101/L OR CHEM 1100	4
ENGL 1101: Writing and Rhetoric (counted in GE Obj. 1)			
MATH 1143: Precalculus I: Algebra OR			
MATH 1144: Precalculus II: Trigonometry OR		6. Behavioral and Social Science	
MATH 1147: Precalculus OR			
MATH 1153: Statistical Reasoning OR			
MATH 1170: Calculus I OR		One Course from EITHER Objective 7 OR 8	
MGT 2216: Business Statistics (counted in GE Obj. 3)		7. Critical Thinking	
PHYS 1101: Elements of Physics AND		8. Information Literacy	
PHYS 1101L: Elements of Physics Lab OR		9. Cultural Diversity	
CHEM 1100: Concepts of Chemistry (counted in GE Obj. 5)			
		General Education Elective to reach 36 cr. min.	
		Total GE	9-12
		Undergraduate Catalog and GE Objectives by Catalog Year	
		http://coursecat.isu.edu/undergraduate/programs/	
		MAP Credit Summary	CR
		Major	25
		General Education	9-12
		Upper Division Free Electives to reach 36 credits	0
		Free Electives to reach 120 credits	0
		TOTAL	34-37
		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)	
		Date	
		CAA or COT:	GR 07/08/2025
		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	