

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-Requirement
Semester One						
GE Objective 1: ENGL 1101 English Composition	3	D-	GE	F, S		
ESET 0100: Engineering Technology Orientation	1	C-		F		
ESET 0100L – Engineering Technology Orientation Lab	1	C-		F, S, D		ESET 0100
ESET 0101: Electrical Circuits I	4	C-		F		ESET 0101L
ESET 0101L: Electrical Circuits I Laboratory	4	C-		F		ESET 0101
ESET 0140: Applied Technical Intermediate Algebra	5	C-		F		ESET 0101
Total	18					
Semester Two						
GE Objective 3: MATH 1143 or 1153 or 1160 or 1170	3-4	D-	GE	F, S		
GE Objective 5: PHYS 1101/L or CHEM 1100	4	D-	GE	F, S		
TGE 0159: Internship Strategies	1	D-				
ESET 0102: Electrical Circuits II	5	C-		S		ESET 0102L
ESET 0102L: Electrical Circuits II Laboratory	5	C-		S		ESET 0102
Total	18-19					
Semester Three						
GE Objective 2: COMM 1101, Principles of Speech	3	D-	GE	F, S		
ESET 0181: Information Tech – Operation Tech Fundamentals	3	C-		F, D	Instructor Approval	
ESET 0212: Electrical Systems Documentation and Standards	1	C-		F	ESET 0101/L, 0102/L, 0141, 0142	
ESET 0292: Electrical Engineering Technology I	7	C-		F	ESET 0101/L, 0102/L, 0141, 0142	ESET 0292L
ESET 0292L: Electrical Engineering Technology I Laboratory	5	C-		F	ESET 0101/L, 0102/L, 0141, 0142	ESET 0292
Total	19					
Semester Four						
GE Objective 6: Social & Behavioral Ways of Knowing	3	D-	GE	F, S		
ESET 0222: Process Control Theory	3	C-		S	ESET 0101/L, 0102/L, 0141, 0142, 0226	ESET 0226
ESET 0226: Process Control Devices Lab	1	C-		S	ESET 0101/L, 0102/L, 0141, 0142	ESET 0222
ESET 0293: Electrical Engineering Technology II	5	C-		S	ESET 0101/L, 0102/L, 0141, 0142	ESET 0293L
ESET 0293L: Electrical Engineering Technology II Lab	4	C-		S	ESET 0101/L, 0102/L, 0141, 0142	ESET 0293
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.)

2021-2022 Major Requirements		CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	16 cr. min
MAJOR REQUIREMENTS		55	1. Written English (3 cr. min) ENGL 1101	3
ESET 0100: Engineering Technology Orientation		1		
ESET 0100L: Engineering Technology Orientation Laboratory		1	2. Spoken English (3 cr. min) COMM 1101	3
ESET 0101: Electrical Circuits I		4	3. Mathematics (3 cr. min) MATH 1143 or 1153 or 1160 or 1170	3-4
ESET 0101L: Electrical Circuits I Laboratory		4	4. Humanities, Fine Arts, Foreign Lang.	
ESET 0102: Electrical Circuits II		5		
ESET 0102L: Electrical Circuits II Laboratory		5		
ESET 0140: Applied Technical Intermediate Algebra		5	5. Natural Sciences (4 cr. min)	
ESET 0181: Information Tech-Operational Tech Fundamentals		3	PHYS 1101/L or CHEM 1100	4
ESET 0212: Electrical Systems Documentation and Standards		1		
ESET 0292: Electrical Engineering Technology I		7		
ESET 0292L: Electrical Engineering Technology I Laboratory		5	6. Behavioral and Social Science (1 course; 3 cr. min)	
ESET 0222: Process Control Theory		3		3
ESET 0226: Process Control Devices Laboratory		1		
ESET 0293: Electrical Engineering Technology II		5	One Course from EITHER Objective 7 OR 8	
ESET 0293L: Electrical Engineering Technology II Laboratory		4	7. Critical Thinking	
TGE 0159: Internship Strategies		1	8. Information Literacy	
			9. Cultural Diversity	
MATH 1143 or 1153 or 1160 or 1170 (counted in GE Obj. 3)			General Education Elective to reach 36 cr. min. (if necessary)	
PHYS 1101/L or CHEM 1100 (counted in GE Obj. 5)				
			Total GE	16-17
			Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/	
			MAP Credit Summary	CR
			Major	55
			General Education	16-17
			Upper Division Free Electives to reach 36 credits	0
			Free Electives to reach 120 credits	0
			TOTAL	71-72
			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:	
			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	