

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
<b>Semester One</b>						
GE Objective 1: ENGL 1101 Writing and Rhetoric I	3	D-	GE	F, S		
ESET 0100: Engineering Technology Orientation	1	C-		F, S		
ESET 0100L: Engineering Technology Orientation Lab	1	C-		F, S		
ESET 0101: Electrical Circuits I	4	C-		F, S		ESET 0101L
ESET 0101L: Electrical Circuits I Laboratory	4	C-		F, S		ESET 0101
ESET 0140: Applied Technical Intermediate Algebra	5	C-		F, S		ESET 0101
<b>Total</b>	<b>18</b>					
<b>Semester Two</b>						
GE Objective 5: PHYS 1101/L or CHEM 1100	4	D-	GE	F, S		
TGE 0159: Internship Strategies	1	D-		F, S		
ESET 0102: Electrical Circuits II	5	C-		F, S		ESET 0102L
ESET 0102L: Electrical Circuits II Laboratory	5	C-		F, S		ESET 0102
ESET 0110: Introduction to Process Control	1	C-		F, S	ESET 0100	ESET 0110L
ESET 0110L: Introduction to Process Control Laboratory	1	C-		F, S	ESET 0100L	ESET 0110
<b>Total</b>	<b>17</b>					
<b>Semester Three</b>						
GE Objective 2: COMM 1101 Fundamentals of Oral Communication	3	D-	GE	F, S		
GE Objective 3: MATH 1143 or 1153 or 1160 or 1170, or MGT 2216	3-4	D-	GE	F, S		
INST 0281: Electrical Automation Theory	8	C-		F, S	ESET 0102, ESET 0102L, ESET 0110, ESET 0110L	INST 0282
INST 0282: Electrical Automation Laboratory	5	C-		F, S		INST 0281
<b>Total</b>	<b>19-20</b>					
<b>Semester Four</b>						
GE Objective 6: Social & Behavioral Ways of Knowing	3	D-	GE	F, S		
INST 0292: Process Measurement and Control Theory	10	C-		F, S	INST 0281 and INST 0282	INST 0293
INST 0293: Process Measurement and Control Lab	4	C-		F, S		INST 0292
<b>Total</b>	<b>17</b>					

\*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 1,2,3,4,5,6 (7 or 8) and 9	16-17 cr. Min
<b>MAJOR REQUIREMENTS</b>		<b>55</b>	1. Written English (3 cr. min) ENGL 1101	3
ESET 0100: Engineering Technology Orientation		1	ENGL 1102	
ESET 0100L: Engineering Technology Orientation Lab		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 0110: Introduction to Process Control		1	5. Natural Sciences (1 lecture, 1 lab; 4 cr. min)	
ESET 0110L: Introduction to Process Control Laboratory		1	PHYS 1101/L or CHEM 1100	4
ESET 0140: Applied Technical Intermediate Algebra		5		
INST 0281: Electrical Automation Theory		8		
INST 0282: Electrical Automation Laboratory		5	6. Behavioral and Social Science (1 course; 3 cr. min)	
INST 0292: Process Measurement and Control Theory		10		3
INST 0293: Process Measurement and Control Laboratory		4		
TGE 0159: Internship Strategies		1	One Course from EITHER Objective 7 OR 8	
			7. Critical Thinking	
			8. Information Literacy	
MATH 1143 or 1153 or 1160 or 1170 (counted as GE Obj. 3)			9. Cultural Diversity	
PHYS 1101/L or CHEM 1100 (counted as GE Obj.5)				
			General Education Elective to reach 36 cr. min. (if necessary)	
			<b>Total GE</b>	<b>16-17</b>
			Undergraduate Catalog and GE Objectives by <a href="http://coursecat.isu.edu/undergraduate/programs/">Catalog Year</a> <a href="http://coursecat.isu.edu/undergraduate/programs/">http://coursecat.isu.edu/undergraduate/programs/</a>	
			<b>MAP Credit Summary</b>	<b>CR</b>
			Major	55
			General Education	16-17
			Upper Division Free Electives to reach 36 credits	0
			Free Electives to reach 120 credits	0
			<b>TOTAL</b>	<b>71-72</b>
			<b>Graduation Requirement Minimum Credit Checklist</b>	<b>Confirmed</b>
			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
<b>Advising Notes</b>		<b>MAP Completion Status (for internal use only)</b>		
			Date	
		CAA or COT:	GJ 06/23/2022	
		<b>Complete College American Momentum Year</b>		
		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		