

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						
ESET 1100: Engineering Technology Orientation	1	C-		F, S, D		
ESET 1100L: Intro to an Industrial Environment Lab	1	C-		F, S, D		
ESET 1121: Basic Electricity and Electronics	4	C-		F, S		ESET 1121L
ESET 1121L: Basic Electricity and Electronics Laboratory	3	C-		F, S		ESET 1121
ESET 1140: Applied Technical Intermediate Algebra	5	C-		F, S, D	Minimum ALEKS score of 30 or equivalent	
ESET 1151: Nuclear Industry Fundamental Concepts	3	C-		S, D		ESET 1151L
ESET 1151L: Nuclear Industry Fundamental Concepts Laboratory	1	C-		S, D		ESET 1151
Total	18					
Semester Two						
GE Objective 2: COMM 1101 Fundamentals of Oral Communication	3	C-	GE	F, S		
GE Objective 5: PHYS 1101/L Elements of Physics	4	C-	GE	F, S		
ESET 1122: Electrical Systems and Motor Control Theory	3	C-		F, S, D	ESET 1121/L	ESET 1122L
ESET 1122L: Electrical Systems and Motor Control Theory Lab	1	C-		F, S, D	ESET 1121/L	ESET 1122
ESET 1152: Nuclear Careers and Information	1	C-		F, S		
ESET 1153: Radiological Control Fundamentals	3	C-		F, D		
GE Objective 3: MATH 1143 OR 1147 OR 1153 OR 1160 OR 1170 OR MGT 2216	3-5	C-	GE	F, S, Su		
Total	18-20					
*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.)						

2024-2025 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9	7 cr. min
MAJOR REQUIREMENTS	26	1. Written English (6 cr. min)	
ESET 1100: Engineering Technology Orientation	1		
ESET 1100L: Intro to an Industrial Environment Lab	1	2. Spoken English (3 cr. min) COMM 1101	3
ESET 1121: Basic Electricity and Electronics	4	3. Mathematics MATH 1143, 1147, 1153, 1160, 1170 or MGT 2216	3-5
ESET 1121L: Basic Electricity and Electronics Lab	3	4. Humanities, Fine Arts, Foreign Lang.	
ESET 1122: Electrical Systems and Motor Control Theory	3		
ESET 1122L: Electrical Systems and Motor Control Theory Lab	1		
ESET 1140: Applied Technical Intermediate Algebra	5	5. Natural Sciences (1 lecture, 1 lab; 4 cr. min)	
ESET 1151: Nuclear Industry Fundamentals Concepts	3	PHYS 1101: Elements of Physics	3
ESET 1151L: Nuclear Industry Fundamental Concepts Lab	1	PHYS 1101L: Elements of Physics Lab	1
ESET 1152: Nuclear Careers & Information	1		
ESET 1153: Radiological Control Fundamentals	3	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	10-12
		Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/	
		MAP Credit Summary	CR
		Major	26
		General Education	10-12
		Upper Division Free Electives to reach 36 credits	0
		Free Electives to reach 120 credits	0
		TOTAL	36-38
		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:	EA 6/18/2024
		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	