

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
Program Admission Requirements						
Completion of AAS in an ESTEC Program	42-44					
Total	42-44					
Semester One						
GE Objective 9: GLBL 2202 The World Today: Introduction to Global Issues or GLBL 2270 World Regional Geography and Cultures (Both Recommended)	3	D-	GE	F, S, Su F, S		
GE Objective 6: ECON 2201 Principles of Macroeconomics or ECON 2202 Principles of Microeconomics or TGE 1150 Applied Social Sciences in the Workplace (All Recommended)	3	D-	GE	F, S, Su F, S, Su D		
ESET 1162: Industrial Safety and Regulations OR HPHY 4413: Fundamentals of Industrial Hygiene	2 3	C- D-		F, S, D Se		
ESET 3301: Nuclear Industry Quality Requirements	3	C-	UM	F, D		
MGT 3312: Individual and Organizational Behavior	3	D-	UM	F, S	ENGL 1102 or HONS 1101	
Total	14-15					
Semester Two						
GE Objective 4: Any	3	D-	GE			
GE Objective 7 OR GE Objective 8: Any	3	D-	GE			
*ENGL 3307: Professional and Technical Writing OR HPHY 4419: Radiological Emergency Planning OR HSEM 3315: Risk Analysis and Asset Protection OR Upper Division Elective from HSEM, HPHY, MGT, or OLP	3	D- D- C	UM	F, S Se D	45 credits and ENGL 1102 Instructor approval	
ESET 3302: Industrial Safety, Material Storage, and Environmental Issues	3	C-	UM	S, D		
OLP 4403: Methods of Training OR OLP 4404: Evaluating Training OR OLP 4457: Facilitating Adult Learning	3	D-	UM	F, S F, S D		
Total	15					
Semester Three						
GE Objective 4: TGE 1257 Applied Ethics in Technology (Recommended)	3	D-	GE	D		
ESET 4401: Nuclear Safety Culture	3	C-	UM	F, D		
HSEM 4415: Strategic Planning & Budgeting OR POLS 4452: Budgeting and Finance	3	C D-	UM	D		
MGT 2261: Introduction to Business Law	3	D-		F, S	Sophomore standing	
MGT 4441: Leading in Organizations OR OLP 3331: Theories and Models of Leadership OR OLP 4431: Workplace Leadership	3	D-	UM	D	MGT 3312	
Total	15					
Semester Four						
GE Objective 5: PHYS 1101/L Elements of Physics and Laboratory OR CHEM 1101 Introduction to Chemistry OR CHEM 1111/L General Chemistry I and Lab (All Recommended)	3-4	D-	GE	F, S	MATH 1108 or equivalent	
*ENGL 3307: Professional and Technical Writing OR HPHY 4419: Radiological Emergency Planning OR HSEM 3315: Risk Analysis and Asset Protection OR Upper Division Elective from HSEM, HPHY, MGT, or OLP	3	D- D- C	UM	F, S Se D	45 credits and ENGL 1102 Instructor approval	
ESET 4402: Nuclear Facilities Management	3	C-	UM	S, D		
HSEM 3301: Homeland Security and Emergency Management Overview OR HSEM 4464: Disaster Response and Recovery	3	C	UM	D		
MGT 4473: Human Resource Management	3	D-	UM	F, S	MGT 3312	
Total	15-16					

*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.)

*If students choose all HSEM options and take 1 more HSEM upper division class (HSEM 4454 recommended), they will receive a minor in HSEM

2026-2027 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9		35 cr. min
MAJOR REQUIREMENTS	83-86	1. Written English (6 cr. min) AAS - ENGL 1101		3
Completion of AAS in an ESTEC Program	42-44	AAS - ENGL 1102		3
ESET 1162: Industrial Safety and Regulations OR HPHY 4413: Fundamentals of Industrial Hygiene	2-3	2. Spoken English (3 cr. min) AAS - Any		3
		3. Mathematics From AAS		3
ESET 3301: Nuclear Industry Quality Requirements	3	4. Humanities, Fine Arts, Foreign Lang. (2 courses; 2 categories; 6 cr. min)		
ESET 3302: Industrial Safety, Material Storage, and Environmental Issues	3	Any		3
		TGE 1257 (Recommended)		3
ESET 4401: Nuclear Safety Culture	3	5. Natural Sciences (2 lectures-different course prefixes, 1 lab; 7 cr. min)		
ESET 4402: Nuclear Facilities Management	3	From AAS		4
HSEM 3301: Homeland Security and Emergency Management Overview OR HSEM 4464: Disaster Response and Recovery	3	From AAS or PHYS 1101/L or CHEM 1101 or CHEM 1111/L		3
		6. Behavioral and Social Science (2 courses-different prefixes; 6 cr. min)		
HSEM 4415: Strategic Planning & Budgeting OR POLS 4452: Budgeting and Finance	3	From AAS		3
		ECON 2201 or 2202 or TGE 1150 (Recommended)		3
MGT 2261: Introduction to Business Law	3	One Course from EITHER Objective 7 OR 8 (1course; 3 cr. min)		
MGT 3312: Individual and Organizational Behavior	3	7. Critical Thinking	Any or GE Obj. 8	3
MGT 4441: Leading in Organizations OR OLP 3331: Theories and Models of Leadership OR OLP 4431: Workplace Leadership	3	8. Information Literacy	Any or GE Obj. 7	
		9. Cultural Diversity (1 course; 3 cr. min)		
		GLBL 2202 or GLBL 2270 (Recommended)		3
MGT 4473: Human Resource Management	3	General Education Elective to reach 36 cr. min. (if necessary)		
OLP 4403: Methods of Training OR OLP 4404: Evaluating Training OR OLP 4457: Facilitating Adult Learning	3			
		Total GE		37
		Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/		
*Choose 6 credits from the following:	6			
ENGL 3307: Professional and Technical Writing	3			
HPHY 4419: Radiological Emergency Planning	3			
HSEM 3315: Risk Analysis and Asset Protection	3	MAP Credit Summary		CR
Upper Division Elective from HSEM, HPHY, MGT, or OLP		Major		83-86
		General Education		37
		Upper Division Free Electives to reach 36 credits		0
		Free Electives to reach 120 credits		0
		TOTAL		120-123
		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)		X
		Minimum 36 cr. Upper Division Overall (0 cr. Associate)		X
		Minimum of 120 cr. Total (60 cr. Associate)		X
Advising Notes		MAP Completion Status (for internal use only)		
			Date	
		CAA or COT:	GR 06/17/2026	
		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		