



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 OR GLBL 2270	3	D-	GE	F, S, Su		
GE Objective 6: ECON 2201 or 2202 (recommended)	3	D-	GE	F, S, Su		
ESET 1162: Industrial Safety and Regulations OR	2	C-		F, S, D		
HPHY 4413: Fundamentals of Industrial Hygiene OR	3	C-		Se		
FSA 1103: Fire Prevention OR	2	D-		D		
FSA 1105: Fire Protection Systems	2	D-		D		
MGT 3312: Individual and Organizational Behavior	3	D-	UM	F, S	ENGL 1102 or HONS 1101	
ESET 3301: Nuclear Industry Quality Requirements	3	C-	UM	F, D		
Total	14-15					
Semester Two						
GE Objective 4: Any	3	D-	GE	F, S, Su		
GE Objective 7: Any	3	D-	GE			
OLP 4403: Methods of Training OR	3	D-	UM	F, S		
OLP 4404: Evaluating Training OR				D		
OLP 4457: Facilitating Adult Learning				D		
***HSEM 3315: Risk Analysis and Asset Protection OR	3	D-	UM	F, S	ENGL 1102	
MGT 3345: Critical Analysis and Creative Problem Solving				F, S	ENGL 1102	
OR ENGL 3307: Professional and Technical Writing OR				F, S		
Any upper division elective from ***HSEM, HPHY, MGT, or OLP						
ESET 3302: Industrial Safety, Material Storage, and Environmental Issues	3	C-	UM	S, D		
Total	15					
Semester Three						
GE Objective 4: Any	3	D-	GE			
MGT 2261: Legal Environment of Organizations	3	D-		F, S	Sophomore standing	
MGT 4441: Leading in Organizations OR	3	D-	UM	D	MGT 3312	
OLP 3331: Theories and Models of Leadership OR						
OLP 4431: Workplace Leadership						
***HSEM 4415: Strategic Planning & Budgeting OR	3	D-	UM	D		
POLS 4452: Budgeting and Finance						
ESET 4401: Nuclear Safety Culture	3	C-	UM	F, D		
Total	15					
Semester Four						
GE Objective 5 (if needed): Any Chem or PHYS classes except astronomy	3	D-	GE			
MGT 4473: Human Resource Management	3	D-	UM	F, S	MGT 3312	
***HSEM 3301: Homeland Security and Emergency Management Overview OR	3	D-	UM	D		
***HSEM 4464: Disaster Response and Recovery						
HPHY 4419: Radiological Emergency Planning OR	3	D-	UM	Se	Instructor permission	
Upper Division Elective from ***HSEM, HPHY, MGT, ENGL, or OLP						
ESET 4402: Nuclear Facilities Management	3	C-	UM	S, D		
Total	15					

*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

2025-2026 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9		36 cr. min
MAJOR REQUIREMENTS	83-86	1. Written English (6 cr. min)	ENGL 1101	3
Completion of AAS in an ESTEC Program	42-44		ENGL 1102	3
ESET 1162: Industrial Safety and Regulations OR HPHY 4413: Fundamentals of Industrial Hygiene OR FSA 1103: Fire Prevention OR FSE 1105: Fire Protection Systems	2-3	2. Spoken English (3 cr. min)	COMM 1101	3
		3. Mathematics MATH 1143, 1147, 1153, 1160, 1170, or MGT 2216		3
		4. Humanities, Fine Arts, Foreign Lang. (2 courses; 2 categories; 6 cr. min)		
		Any		4
ESET 3301: Nuclear Industry Quality Requirements	3	Any		3
ESET 3302: Industrial Safety, Material Storage, and Environmental Issues	3	5. Natural Sciences (2 lectures-different course prefixes, 1 lab; 7 cr. min)		
		From AAS		4
ESET 4401: Nuclear Safety Culture	3	From AAS OR any Chem or Phys course except astronomy		3
ESET 4402: Nuclear Facilities Management	3			
HPHY 4419: Radiological Emergency Planning OR Upper Division Elective from HSEM, HPHY, MGT, ENGL, or OLP	3	6. Behavioral and Social Science (2 courses-different prefixes; 6 cr. min)		
		From AAS		3
HSEM 3301: Homeland Security and Emergency Management Overview OR HSEM 4464: Disaster Response and Recovery	3	ECON 2201 or 2202 (recommended)		3
		One Course from EITHER Objective 7 OR 8 (1course; 3 cr. min)		
		7. Critical Thinking	Any	3
HSEM 3315: Risk Analysis and Asset Protection OR MGT 3345: Critical Analysis and Creative Problem Solving OR ENGL 3307: Professional and Technical Writing OR Upper Division Elective from HSEM, HPHY, MGT, or OLP	3	8. Information Literacy		
		9. Cultural Diversity (1 course; 3 cr. min)		
		GLBL 2202 or GLBL 2270		3
		General Education Elective to reach 36 cr. min. (if necessary)		
HSEM 4416: Strategic Planning & Budgeting OR POLS 4452: Budgeting and Finance	3			
		Total GE		38
MGT 2261: Legal Environment of Organizations	3	Undergraduate Catalog and GE Objectives by Catalog Year		
MGT 3312: Individual and Organizational Behavior	3	http://coursecat.isu.edu/undergraduate/programs/		
MGT 4441: Leading in Organizations OR OLP 3331: Theories and Models of Leadership OR OLP 4431: Workplace Leadership	3			
MGT 4473: Human Resource Management	3	MAP Credit Summary		CR
OLP 4403: Methods of Training OR OLP 4404: Evaluating Training OR OLP 4457: Facilitating Adult Learning	3	Major		83-86
		General Education		38
		Upper Division Free Electives to reach 36 credits		0
		Free Electives to reach 120 credits		0
		TOTAL		121+
		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:	HW 06/13/2025	
		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		