

B.A.S. Nuclear Engineering Technology Management

Program Admissions Requirements

Complete one of the following AAS degrees or approval from program administration.

Energy Systems Instrumentation Engineering Technology

Energy Systems Electrical Engineering Technology

Energy Systems Mechanical Engineering Technology

Energy Systems Nuclear Operations Technology

Industrial Cybersecurity Engineering Technology

General Education

The listing below includes program requirements that also fulfill General Education requirements.

Code	Title	Credits
Objective 1		6
Objective 2		3
Objective 3		3
Objective 4 - Recommended TGE 1257		6
Objective 5 - Recommended PHYS 1101 & PHYS 1101L and CHEM 1101 or CHEM 1111 & CHEM 1111L ¹		7-9
Objective 6 - Recommended ECON 2201 or ECON 2202 and TGE 1150		6
Students must fulfill Objective 7 or Objective 8		
Objective 7		
Objective 8		
Objective 9 - Recommended GLBL 2202 or GLBL 2270		3
Total Credits		34-36

¹ "P" courses are equivalent to the original course.

Major Requirements

Code	Title	Credits
Choose one of the following:		2-3
ESET 1162	Industrial Safety and Regulations	
OR		
HPHY 4413	Fundamentals of Industrial Hygiene	
ESET 3301	Nuclear Industry Quality Requirements	3
ESET 3302	Industrial Safety, Material Storage, and Environmental Issues	3
ESET 4401	Nuclear Safety Culture	3
ESET 4402	Nuclear Facilities Management	3
Choose one of the following:		3
HSEM 3301	Homeland Security and Emergency Management Overview	
OR		
HSEM 4464	Disaster Response and Recovery	

Choose one of the following: **3**

HSEM 4415	Strategic Planning & Budgeting	
OR		
POLS 4452	Budgeting and Finance	
MGT 2261	Legal Environment of Organizations	3
MGT 3312	Individual and Organizational Behavior	3

Choose one of the following: **3**

MGT 4441	Leading in Organizations	
OR		
OLP 3331	Theories and Models of Leadership	
OR		
OLP 4431	Workplace Leadership	
MGT 4473	Human Resource Management	3

Choose one of the following: **3**

OLP 4403	Methods of Training	
OR		
OLP 4404	Evaluating Training	
OR		
OLP 4457	Facilitating Adult Learning	

Choose 6 credits from the following: **6**

HSEM 3315	Risk Analysis and Asset Protection	
HPHY 4419	Radiological Emergency Planning	
ENGL 3307	Professional and Technical Writing	
Upper division elective from HSEM, HPHY, MGT, or OLP		

Total Credits **41-42**

Code	Title	Credits
CTE credit from an approved AAS degree		42-44
General Education		37-39
Major Requirements (w/o General Education)		41-42
Free Electives		0
Total Credits		120-125