

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>						
ESET 1162: Industrial Safety and Regulations	2	C-		F, S, D		
ESET 2205: Fundamentals of Control Logic	3	C-		F, S, D	Permission of instructor	
ESET 1182: Information Technology Fundamentals	3	C-		F, S	Minimum score of 30 on ALEKS or equivalent	
ESET 2282: Introduction to Networking	3	C-		F		
CYBR 3383: Security Design for Cyber-Physical Systems	3	C-		F, D		ESET 1181, 2282, 2223, 2227, or instructor approval
CYBR 3384: Risk Management for Cyber-Physical Systems	3	C-		F, D		ESET 1181, 2282, 2223, 2227, 3383
<b>Total</b>	<b>17</b>					
<b>Semester Two</b>						
ESET 1120: Introduction to Energy Systems	2	C-		F, S, D		ESET 1120L
ESET 1120L: Introduction to Energy Systems Lab	1	C-		F, S, D		ESET 1120
ESET 2242: Practical Process Measurements and Control <b>OR</b> ESET 2222: Process Control Theory <b>AND</b> ESET 2226: Process Control Devices Laboratory	2 3 1	C-		F, D F, S, D	ESET 1122 or permission of instructor	
CYBR 4481: Defending Critical Infrastructure and Cyber Physical Systems	3	C-		S, D	ESET 2282, CYBR 3383, 3384, or instructor approval	
CYBR 4486: Network Security for Industrial Environments	3	C-		S, D	ESET 2282, CYBR 3383, or instructor approval	
CYBR 4487: Professional Development and Certification	3	C-		S, D	CYBR 3383 and 3384	CYBR 4486 and 4481
INFO 4411: Intermediate Information Assurance	3	C-		D	INFO 1150 or CS 1337 or INFO 3310 or instructor approval	
<b>Total</b>	<b>17-19</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.)						

