

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is an efficient strategy only. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Elective, 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						
GE Objective 5: PHYS 1101 & 1101L Elements of Physics	4	C-	GE			
ESET 0100: Engineering Technology Orientation	1	C-		F,S		
ESET 0100L: Engineering Technology Orientation Lab	1	C-		F,S		
ESET 0101: Electrical Circuits I	5	C-		F		ESET 0101L
ESET 0101L: Electrical Circuits I Lab	5	C-		F		ESET 0101
ESET 0141: Applied Mathematics I	4	C-		F,S		ESET 0101 or ESET 0121
Total	20					
Semester Two						
GE Objective 2: COMM 1101 Principles of Speech	3	C-	GE			
ESET 0102: Electrical Circuits II	5	C-		F,S		ESET 0102L
ESET 0102L: Electrical Circuits II Lab	5	C-		F,S		ESET 0102
ESET 0110: Introduction to Process Control	1	C-		F,S	ESET 0100	ESET 0110L
ESET 0110L: Introduction to Process Control Lab	1	C-		F,S	ESET 0100L	ESET 0110
ESET 0142: Applied Mathematics II	4	C-		F,S		ESET 0102 or ESET 0127
Total	19					
Semester Three						
Total						
Semester Four						
Total						
*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.)						

2018-2019 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES * Satisfy 2 and 5 Only	7 Cr. Min
Energy Sys – Instrumentation, ITC - MAJOR REQUIREMENTS	32	1. Written English (6 cr. min) ENGL 1101 (or equivalent)	
ESET 0100: Engineering Technology Orientation	1		
ESET 0100L: Engineering Technology Orientation Lab	1	2. Spoken English (3 cr. min) COMM 1101	3
ESET 0101: Electrical Circuits I	5	3. Mathematics (3 cr. min)	
ESET 0101L: Electrical Circuits I Lab	5	4. Humanities, Fine Arts, Foreign Lang.	
ESET 0102: Electrical Circuits II	5		
ESET 0102L: Electrical Circuits II Lab	5		
ESET 0110: Introduction to Process Control	1	5. Natural Sciences (1 Course including a lab; 4 cr. min)	
ESET 0110L: Introduction to Process Control Lab	1	PHYS 1101 and 1101 Lab Elements of Physics	4
ESET 0141: Applied Mathematics I	4		
ESET 0142: Applied Mathematics II	4	6. Behavioral and Social Science (1 course; 3 cr. min)	
		One Course from EITHER Objective 7 OR 8	
		7. Critical Thinking	
		8. Information Literacy	
		9. Cultural Diversity	
		General Education Elective to reach 15 cr. min.	
		Total GE	7
		Undergraduate Catalog and GE Objectives by Catalog Year	
		MAP Credit Summary	CR
		Major	32
		General Education	7
		Free Electives to reach 60	0
		TOTAL	39
		Graduation Requirement Minimum Credit Checklist	Confirmed
		Min. of 3 credits General Education Objectives	
		Min. of 32 credits Total	
Advising Notes		MAP Completion Status (for internal use only)	
Students must register concurrently for the lab course associated with Each theory course.			<i>Date</i>
		<i>Department:</i>	
		<i>CAA or COT:</i>	CZ, 12/717
		<i>Registrar:</i>	