

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
<b>Semester One</b>						
GE Objective 1: ENGL 1101 English Composition	3	C-	GE		Appropriate Placement Score	
GE Objective 2: COMM 1101 Principles of Speech	3	C-	GE			
RCET 0153A: Basic Electricity & DC Circuit Theory	4	C-		F,S		RCET 0153B
RCET 0153B: Basic Electricity & AC Circuit Theory	4	C-		F,S		RCET 0153A
RCET 0155A: Basic Electricity & DC Circuit Lab	2	C-		F,S		RCET 0155B
RCET 0155B: Basic Electricity & AC Circuit Lab	3	C-				RCET 0153B, 0155A
Total	<b>19</b>					
<b>Semester Two</b>						
GE Objective 5: PHYS 1101/1101L Elements of Physics	4	C-	GE			
RCET 0142: Applied Mathematics II	4	C-		F,S	RCET 0153B	
RCET 0154: Electronic Control Devices Theory	5	C-		F,S	RCET 0153B, 0155B	RCET 0156, 0142
RCET 0156: Electronic Control Devices Lab	5	C-		F,S	RCET 0153B, 0155B	RCET 0154
TGE 0158: Employment Strategies	2	C-				
Total	<b>20</b>					
<b>Semester Three (Summer)</b>						
RCET 0331: Laser Systems and Optics Theory	4	C-		Su		
RCET 0332: Laser Systems and Optics Laboratory	4	C-		Su		
Total	<b>8</b>					
<b>Semester Four</b>						
RCET 0251: Systems and Analog Digital Theory	7	C-		F,S		RCET 0253
RCET 0253: Systems Analog and Digital Laboratory	5	C-		F,S	RCET 0156	RCET 0251
RCET 0264: Introductory Calculus	4	C-		F,S	RCET 0142	
RCET 0271: Introduction to Lab Simulation Software	2	C-		F,S		
Total	<b>18</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.)						

2018-2019 Major Requirements	CR	GENERAL EDUCATION OBJECTIVES * Satisfy 1, 2, 3, and 5 only	15 Cr. Min
<b>RCET-Laser-Optics, ADTC - MAJOR REQUIREMENTS</b>	<b>55</b>	1. Written English (6 cr. min) ENGL 1101 (or equivalent)	3
RCET 0142: Applied Mathematics II	4		
RCET 0153A: Basic Electricity and DC Circuit Theory	4	2. Spoken English (3 cr. min) COMM 1101	3
RCET 0153B: Basic Electricity and AC Circuit Theory	4	3. Mathematics (3 cr. min)	
RCET 0154: Electronic Control Devices Theory	5	4. Humanities, Fine Arts, Foreign Lang.	
RCET 0155A: Basic Electricity and DC Circuit Lab	2		
RCET 0155B: Basic Electricity and AC Circuit Lab	3		
RCET 0156: Electronic Control Devices Lab	5	5. Natural Sciences (1 Course including a lab; 4 cr. min)	
RCET 0251: Systems Analog and Digital Theory	7	PHYS 1101 and 1101 Lab Elements of Physics	4
RCET 0253: Systems Analog and Digital Laboratory	5		
RCET 0264: Introductory Calculus	4	6. Behavioral and Social Science (1 course; 3 cr. min)	
RCET 0271: Introduction to Lab Simulations Software	2		
RCET 0331: Laser Systems and Optics Theory	4		
RCET 0332: Laser Systems and Optics Laboratory	4	<b>One Course from EITHER Objective 7 OR 8</b>	
TGE 0158: Employment Strategies	2	7. Critical Thinking	
		8. Information Literacy	
		9. Cultural Diversity	
		General Education Elective to reach 15 cr. min.	
		<b>Total GE</b>	<b>10</b>
		Undergraduate Catalog and GE Objectives by <a href="#">Catalog Year</a>	
		<b>MAP Credit Summary</b>	<b>CR</b>
		Major	55
		General Education	10
		Free Electives to reach 60	0
		<b>TOTAL</b>	<b>65</b>
		<b>Graduation Requirement Minimum Credit Checklist</b>	<b>Confirmed</b>
		Minimum 15 cr. General Education Objectives (Associate)	
		Minimum 60 cr. Total (Associate)	
<b>Advising Notes</b>		<b>MAP Completion Status (for internal use only)</b>	
			<i>Date</i>
		<i>Department:</i>	
		<i>CAA or COT:</i>	CZ, 12/717
		<i>Registrar:</i>	