

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>						
GE Objective 6: TGE 1150 Applied Social Sciences in the Workplace ( <b>Recommended</b> )	3	C-	GE	D		
GE Objective 2: COMM 1101 Fundamentals of Oral Comm	3	C-	GE	F, S		
RCET 1153A: Basic Electricity & DC Circuit Theory	4	C-		F, S		RCET 1153B
RCET 1153B: Basic Electricity & AC Circuit Theory	4	C-		F, S		RCET 1153A, RCET 1155B
RCET 1155A: Basic Electricity & DC Circuit Lab	2	C-		F, S		RCET 1155B
RCET 1155B: Basic Electricity & AC Circuit Lab	2	C-		F, S		RCET 1153B, RCET 1155A
Total	18					
<b>Semester Two</b>						
GE Objective 5: PHYS 1101/L Elements of Physics & Lab	4	C-	GE	F, S		
RCET 1154A: Analog Control Devices Theory	4	C-		F, S, D	RCET 1153A/B, RCET 1155A/B	RCET 1156A
RCET 1154B: Digital Control Devices Theory	4	C-		F, S, D	RCET 1153B	RCET 1156B
RCET 1156A: Analog Control Devices Lab	2	C-		F, S, D	RCET 1153A/B, RCET 1155A/B	RCET 1154A
RCET 1156B: Digital Control Devices Lab	2	C-		F, S, D	RCET 1155B	RCET 1154B
Total	16					
<b>Summer Semester</b>						
RCET 3331: Laser Systems & Optics Theory	4	C-		D	RCET 1154B	RCET 3332
RCET 3332: Laser Systems & Optics Laboratory	3	C-		D	RCET 1156B	RCET 3331
Total	7					
<b>Semester Three</b>						
GE Objective 3: RCET 1372 Calculus for Electronics ( <b>required</b> )	4	C-		F, S	MATH 1144 or MATH 1147 or RCET 1154A	
RCET 2251: Systems Analog & Digital Theory	6	C-		F, S		RCET 2253
RCET 2253: Systems Analog & Digital Lab	5	C-		F, S	RCET 1156B	RCET 2251
RCET 2271: Introduction to Lab Simulation Software	2	C-		F, S		
Total	17					
*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.)						

