

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
Semester One						
GE Objective 1: ENGL 1101 Writing and Rhetoric I	3		GE		Appropriate Placement Score	
GE Objective 2: COMM 1101 Fundamentals of Oral Comm	3		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	RCET153A, 0155B
RCET 0155A: Basic Electricity & DC Circuit Lab	2	C-		F,S		RCET 0155B
RCET 0155B: Basic Electricity & AC Circuit Lab	2	C-		F,S	RCET 0155A	RCET 0153B, 0155A
Total	18					
Semester Two						
GE Objective 5: PHYS 1101/L Elements of Physics & Lab	4		GE			
RCET 0154A: Analog Control Devices Theory	4	C-		F,S	RCET 0153A, 0153B, 0155A, 0155B	RCET 0156A
RCET 0154B: Digital Control Devices Theory	4	C-		F,S	RCET 0154A, 0156A	RCET 0156B
RCET 0156A: Analog Control Devices Lab	2	C-		F,S	RCET 0153A, 0153B, 0155A, 0155B	RCET 0154A
RCET 0156B: Digital Control Devices Lab	2	C-		F,S	RCET 0154A, 0156A	RCET 0154B
Total	16					
Summer Semester						
RCET 3331: Laser Systems & Optics Theory	4	C-		Su	RCET 0154B	RCET 3332
RCET 3332: Laser Systems & Optics Laboratory	3	C-		Su	RCET 0156B	RCET 3331
Total	7					
Semester Three						
GE Objective 3: RCET 1372 Calculus for Electronics (required)	4	C-		F,S	MATH 1144 or MATH 1147 or RCET 0154A	
RCET 0251: Systems Analog & Digital Theory	6	C-		F,S		RCET 0253
RCET 0253: Systems Analog & Digital Lab	5	C-		F,S	RCET 0156B	RCET 0251
RCET 0271: 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.)

