



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-Requirement
Semester One						
GE Objective 1: ENGL 1101 Writing and Rhetoric I	3	C-	GE	F, S, Su	Appropriate placement score	
MATH 1143: College Algebra	3	C-		F, S, Su		
CET 1111: Beginning CAD	3	C-		F, S	Minimum score of ALEKS 30 or equivalent	
CET 1112: Beginning Survey	3	C-		F, S		MATH 1143
CET 1115A: Materials Testing I OR CET 1113: Civil and Geomatics Engineering Technology I	2-4	C-		F, S		
Total	14-16					
Semester Two						
GE Objective 2: COMM 1101 Principles of Speech	3	C-	GE	F, S		
MATH 1144: Trigonometry	2	C-		F, S, Su	MATH 1143	
CET 1121: Civil 3D Drafting	3	C-		F, S	CET 1111	
CET 1122: Intermediate Surveying and Spatial Analysis	3	C-		F, S	CET 1112	
CET 1125A: Materials Testing II OR CET 1123: Civil and Geomatics Engineering Technology II	2-4	C-		F, S	CET 1115A	
Total	13-15					
Semester Three						
GE Objective 5: PHYS 1101/L Elements of Physics and lab	4	C-	GE	F, S		PHYS 1101/L
CET 2216: Route Survey and GPS Fundamentals	3	C-		F, S	CET 1121, CET 1122	
CET 2228: Principles of GIS	3	C-		F, S	CET 1122	
CET 2232: Plan Reading and Worksite Safety	3	C-		F, S		
CET 2215: Materials Theory OR GEMT 2231: Survey Computations	3	C-		F, S		MATH 1143, MATH 1144, CET 1122
Total	16					
Semester Four						
GE Objective 3: MATH 1153 Statistical Reasoning	3	C-	GE	F, S, Su		
GE Objective 6: ECON 1100 Economic Issues OR ECON 2201 Principles of Macroeconomics OR ECON 2202 Principles of Microeconomics	3	C-	GE	F, S, Su		
CET 2226: Construction Surveying	3	C-		F, S	CET 2216	
CET 2243: Public Works	3	C-		F, S	MATH 1143, MATH 1144	
CET 2250: Unmanned Aerial Systems/Imagery Analysis	3	C-		F, S	CET 1112	
CET 2251: Introduction to Legal Descriptions	1	C-		F, S		
GEMT 3312: Public Land Surveying	3	C-		F, S	MATH 1143, MATH 1144, CET 1122	
Total	19					

*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.)

