



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						
CET 1112: Beginning Surveying	2	C-		F, S	MATH 1143 or 1147 or 1170	MATH 1143 or 1147 or 1170
CET 1112L: Beginning Surveying Laboratory	1	C-		F, S	MATH 1143 or 1147 or 1170	MATH 1143 or 1147 or 1170
GEMT 3310: Boundary Control and Legal Principles	3	C-		F, S	CET 1122 and MATH 1144 or 1147 or 1170	
Total	6					
Semester Two						
CET 1122: Intermediate Surveying	2	C-		F, S	CET 1112 or CE 3301 and MATH 1144 or 1147 or 1170	MATH 1144 or 1147 or 1170
CET 1122L: Intermediate Surveying Laboratory	1	C-		F, S	CET 1112 or CE 3301 and MATH 1144 or 1147 or 1170	MATH 1144 or 1147 or 1170
GEMT 3312: Public Land Surveying OR GEMT 3314: Research and Evidence in Surveying	3	C-		F, S	CET 1122 and MATH 1144 or 1147 or 1170	
Total	6					
Semester Three						
CET 2216: Route Survey and GNSS Fundamentals	3	C-		F, S	CET 1121, 1122, and MATH 1144 or 1147 or 1170	
GEMT 4430: GPS Principles and Applications	3	C-		F, S	CET 1122 and MATH 1144 or 1147 or 1170	
Total	6					
Semester Four						
GEMT 4411: Geodesy	3	C-		F, S	CET 1122 and MATH 1144 or 1147 or 1170	
*Program Elective (if needed)	1-3	C-			Program coordinator approval	
Total	3-6					
Semester Five						
*Program Elective (if needed)	1-3	C-			Program coordinator approval	
*Program Elective (if needed)	1-3	C-			Program coordinator approval	
Total	0-6					

*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.)

Form Revised 2.14.2023