

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 0112: Beginning Surveying | 3 | | | F, S | | MATH 1143 |
| GEMT 3310: Boundary Surveying Law | 3 | | | F, S | | CET 0112 |
| | | | | | | |
| | | | | | | |
| Total | 6 | | | | | |
| Semester Two | | | | | | |
| CET 0122: Intermediate Surveying and Spatial Analysis | 3 | | | F, S | MATH 1143, CET 0112 | MATH 1144 |
| GEMT 3312: Public Land Surveys | 3 | | | F, S | | CET 0122 |
| | | | | | | |
| | | | | | | |
| Total | 6 | | | | | |
| Semester Three | | | | | | |
| CET 0216: Route Survey and GPS Fundamentals | 3 | | | F, S | CET 0122, MATH 1144 | |
| GEMT 4430: GPS Principles and Application | 3 | | | F, S | CET 0122, MATH 1144 | |
| | | | | | | |
| | | | | | | |
| Total | 6 | | | | | |
| Semester Four | | | | | | |
| GEMT 4411: Geodesy | 3 | | | F, S | CET 0122, MATH 1144 | |
| Elective - Must be approved by program coordinator | 3 | | | | | |
| | | | | | | |
| | | | | | | |
| Total | 6 | | | | | |
| Semester Five | | | | | | |
| Elective - Must be approved by program coordinator | 3 | | | | | |
| Elective - Must be approved by program coordinator | 3 | | | | | |
| | | | | | | |
| | | | | | | |
| Total | 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.)

| 2022-2023 Major Requirements | | CR | GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9 | 0 cr. min |
|--|---|--|---|------------------|
| MAJOR REQUIREMENTS | | 30 | 1. Written English | |
| Previous Bachelor degree in a related field | | | | |
| | | | 2. Spoken English | |
| CET 0112 Beginning Surveying | 3 | | 3. Mathematics | |
| CET 0122 Intermediate Surveying and Spatial Analysis | 3 | | | |
| GEMT 3312 Public Land Surveys | 3 | | 4. Humanities, Fine Arts, Foreign Lang. | |
| GEMT 3310 Boundary Surveying Law | 3 | | | |
| CET 0216 Route Survey and GPS Fundamentals | 3 | | | |
| GEMT 4430 GPS Principles and Application | 3 | | 5. Natural Sciences | |
| GEMT 4411 Geodesy | 3 | | | |
| Choose 9 credits from the following (must be approved by coordinator) | | | | |
| | | | 6. Behavioral and Social Science | |
| GEMT 3311 Advance Surveying | 3 | | | |
| GEMT 3314 Research and Evidence in Surveying | 3 | | | |
| GEMT 3315 Surveying Adjustments and Coordinate Systems | 3 | | One Course from EITHER Objective 7 OR 8 | |
| GEMT 3317 Subdivision Planning and Platting | 2 | | 7. Critical Thinking | |
| GEMT 3319 Writing Legal Descriptions | 1 | | 8. Information Literacy | |
| GEMT 4425 Principles of Cartography (Spring) | 3 | | 9. Cultural Diversity | |
| GEMT 4432 Principles of Photogrammetry (Fall) | 3 | | | |
| | | | General Education Elective to reach 36 cr. min. (if necessary) | |
| | | | Total GE | 0 |
| | | | Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/ | |
| | | | | |
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| | | | | |
| | | | | |
| | | | MAP Credit Summary | CR |
| | | | Major | 30 |
| | | | General Education | 0 |
| | | | Upper Division Free Electives to reach 36 credits | 0 |
| | | | Free Electives to reach 120 credits | 0 |
| | | | TOTAL | 30 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | Graduation Requirement Minimum Credit Checklist | Confirmed |
| | | | Minimum 36 cr. General Education Objectives (15 cr. AAS) | |
| | | | Minimum 15 cr. Upper Division in Major (0 cr. Associate) | |
| | | | Minimum 36 cr. Upper Division Overall (0 cr. Associate) | |
| | | | Minimum of 120 cr. Total (60 cr. Associate) | |
| | | | | |
| Advising Notes | | MAP Completion Status (for internal use only) | | |
| | | | Date | |
| | | | | |
| | | CAA or COT: | PJ 05/16/2022 | |
| | | | | |
| | | Complete College American Momentum Year | | |
| | | Math and English course in first year-Specific GE MATH course identified | | |
| | | 9 credits in the Major area in first year | | |
| | | 15 credits each semester (or 30 in academic year) | | |
| | | Milestone courses | | |