

Catalog Year 2023-2024

Academic Certificate, Land Surveying

| (For i | internal use only) |
|-------------|--------------------|
| \boxtimes | No change |

☐ UCC proposal

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.

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|-------------------------------------------------------------------|--------|---------------|------------------|-------------------|-----------------------------------|--------------|
| Course Subject and Title | | Min. Grade | *GE, UU or UM | **Sem. Offered | Prerequisite | Co-Requisite |
| Semester One | | | | | | |
| CET 1112: Beginning Surveying | 3 | C- | | F, S | | MATH 1143 |
| GEMT 3310: Boundary Control and Legal Principles Total | | C- | | F, S | MATH 1143, MATH 1144, CET 1122 | CET 0112 |
| | | | | | | |
| Semester Two | | | | | | |
| CET 1122: Intermediate Surveying and Spatial Analysis | | C- | | F, S | CET 1112 | |
| GEMT 3312: Public Land Surveying | | C- | | F, S | MATH 1143, MATH 1144, CET 1122 | |
| Total | 6 | | | | | |
| Semester Three | | | | | | |
| CET 2216: Route Survey and GPS Fundamentals | | C- | | F, S | CET 1121, CET 1122 | |
| GEMT 4430: GPS Principles and Application | | C- | | F | MATH 1143, MATH 1144, CET 1122 | |
| Total | 6 | | | | | |
| Semester Four | | | | | | |
| GEMT 4411: Geodesy | 3 | C- | | S | MATH 1143, MATH 1144, CET 1122 | |
| Program elective – Must be approved by coordinator | | C- | | | | |
| Total | 6 | | | | | |
| Semester Five | | | | | | |
| Program elective – Must be approved by coordinator | | C- | | | | |
| Program elective – Must be approved by coordinator | | C- | | | | |
| Total | 6 | | | | | |
| *GE=General Education Objective, UU=Upper Division University, UM | = Uppe | r Division | Maior | | | |

^{*}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.)

| 2023-2024 Major Requirements MAJOR REQUIREMENTS | | GENERAL EDUCATION OF | 0 cr. | | |
|-------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------|--------------|--|
| | | Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9 | | min | |
| MAJOR REQUIREMENTS | | 1. Written English | itten English | | |
| Previous Bachelor degree in a related field | | | | | |
| CET 1112. Decimina Compania | | 2. Spoken English 3. Mathematics | | | |
| CET 1112: Beginning Surveying | | 3. Mathematics | | | |
| CET 1122: Intermediate Surveying and Spatial Analysis | | | | | |
| GEMT 3312: Public Land Surveying | | 4. Humanities, Fine Arts, For | eign Lang. | 1 | |
| GEMT 3310: Boundary Control and Legal Principles | 3 | | | | |
| CET 2216: Route Survey and GPS Fundamentals | | | | | |
| GEMT 4430: GPS Principles and Application | 3 | 5. Natural Sciences | | ı | |
| GEMT 4411: Geodesy | 3 | | | | |
| | | | | | |
| Choose 9 elective credits from the following (must be approved by | 6. Behavioral and Social Science | | | | |
| coordinator): | | | | | |
| GEMT 3311: Advanced Surveying | 3 | | | | |
| GEMT 3314: Research and Evidence in Surveying | 3 | One Course from EITHER Ob | jective 7 OR 8 | | |
| GEMT 3315: Surveying Adjustments | 3 | 7. Critical Thinking | | | |
| GEMT 3317: Subdivision Planning and Platting | 2 | 8. Information Literacy | | | |
| GEMT 3319: Writing Legal Descriptions | 1 | 9. Cultural Diversity | | | |
| GEMT 4425: Principles of Cartography | 3 | | | | |
| GEMT 4432: Principles of Photogrammetry | 3 | General Education Elective t | o reach 36 cr. min. (if r | ecessary) | |
| | | | Total GE | 0 | |
| | | Undergraduate Catalog and | | 0 | |
| | | Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/ | | | |
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| | | | | | |
| | | | | | |
| | | MAP Credit Summary | | CR 30 | |
| | | Major | | | |
| | | General Education | | | |
| | | Upper Division Free Electives to reach 36 credits | | | |
| | | Free Electives to reach 120 credits | | 0 | |
| | | TOTAL | | 30 | |
| | | | | | |
| | | | | | |
| | | Graduation Requirement Minimum Credit Checklist Confi | | 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) | | | |
| Advising Notes | | Date | | | |
| | | | Dute | | |
| | | CAA or COT: | DI 06/01/2022 | | |
| | | CAA or COT: | PJ 06/01/2023 | | |
| | | Complete College Americ | can Mamantum Vass | | |
| | | 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 | | | |

Form Revised 9.10.2019