

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 2: COMM 1101 Principles of Speech | 3 | | GE | | | |
| DESL 0101: Safety and Introduction to Shop Practices | 2 | D- | | | | |
| DESL 0102: Introduction to Electrical | 1 | D- | | | | |
| DESL 0103: Electrical Systems | 3 | D- | | | | |
| DESL 0107: Basic Diesel Electrical Systems | 2 | D- | | | | DESL 0101 |
| DESL 0125: Heavy Duty Power Trains | 8 | D- | | | | |
| Total | 19 | | | | | |
| Semester Two | | | | | | |
| GE Objective 6: TGE 1150: Social Science in the Workplace | 3 | | GE | | | |
| DESL 0109: Cab Climate Control | 2 | D- | | | | |
| DESL 0113: Diesel Engine Fuel Systems | 2 | D- | | | | |
| DESL 0217: Advanced Engine Electronics | 4 | D- | | | DESL 0101, DESL 0107 | DESL 0109, DESL 0113, DESL 0125, DESL 0184, DESL 0186, and DESL 0190 |
| DESL 0184: Diesel Engine Technology | 5 | D- | | | | |
| DESL 0186: Diesel Engine Electrical Systems | 2 | D- | | | DESL 0101 | DESL 0184, DESL 0190 |
| DESL 0190: Diesel Engine Emission Systems | 1 | D- | | | DESL 0101 | |
| Total | 19 | | | | | |
| Semester Three | | | | | | |
| TGE 0158: Employment Strategies | 2 | | | | | |
| DESL 0115: Basic Hydraulics I | 2 | D- | | | | |
| DESL 0215: Advanced Hydraulics | 6 | D- | | | DESL 0101, DESL 0115 | DESL 0107 |
| DESL 0231/DESL 0232: Live Work Capstone Class or Internship | 8 | D- | | | | |
| Total | 19 | | | | | |
| Semester Four | | | | | | |
| DESL 0241: On Site Power Generation I | 8 | D- | | D | | |
| DESL 0243: On Site Power Generation II | 8 | D- | | D | | |
| Total | 22 | | | | | |
| Semester Five | | | | | | |
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| Total | | | | | | |
| Semester Six | | | | | | |
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| | | | | | | |
| Total | | | | | | |

*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.)

| 2021-2022 Major Requirements | | CR | GENERAL EDUCATION OBJECTIVES Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9 | 6 cr. min |
|---|---|-----------|---|------------------|
| MAJOR REQUIREMENTS | | 66 | | |
| DESL 0101: Safety and Introduction to Shop Practices | 2 | | 1. Written English (3 cr. min) ENGL 1101 | |
| DESL 0102: Introduction to Electrical | 1 | | 2. Spoken English (3 cr. min) COMM 1101 | 3 |
| DESL 0103: Electrical Systems | 3 | | 3. Mathematics (3 cr. min) | |
| DESL 0107: Basic Diesel Electrical Systems | 2 | | 4. Humanities, Fine Arts, Foreign Lang. | |
| DESL 0109: Cab Climate Control | 2 | | | |
| DESL 0113: Diesel Engine Fuel Systems | 2 | | | |
| DESL 0115: Basic Hydraulics I | 2 | | 5. Natural Sciences | |
| DESL 0125: Heavy Duty Power Trains | 8 | | | |
| DESL 0184: Diesel Engine Technology | 5 | | | |
| DESL 0186: Diesel Engine Electrical Systems | 2 | | | |
| DESL 0190: Diesel Engine Emission Systems | 1 | | 6. Behavioral and Social Science (1 course; 3 cr. min) | |
| DESL 0215: Advanced Hydraulics | 6 | | TGE 1150: Social Science in the Workplace | 3 |
| DESL 0217: Advanced Engine Electronics | 4 | | | |
| DESL 0231/DESL 0232: Live Work Capstone Class or Internship | 8 | | One Course from EITHER Objective 7 OR 8 | |
| DESL 0241: On Site Power Generation I | 8 | | 7. Critical Thinking | |
| DESL 0243: On Site Power Generation II | 8 | | 8. Information Literacy | |
| TGE 0158: Employment Strategies | 2 | | 9. Cultural Diversity | |
| | | | | |
| GE Objective 2: COMM 1101 (counted in GE Obj. 2) | | | General Education Elective to reach 36 cr. min. (if necessary) | |
| GE Objective 6: TGE 1150 (counted in GE Obj. 6) | | | | |
| | | | Total GE | 6 |
| | | | Undergraduate Catalog and GE Objectives by Catalog Year http://coursecat.isu.edu/undergraduate/programs/ | |
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| | | | MAP Credit Summary | CR |
| | | | Major | 66 |
| | | | General Education | 6 |
| | | | Upper Division Free Electives to reach 36 credits | 0 |
| | | | Free Electives to reach 120 credits | 0 |
| | | | TOTAL | 72 |
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| | | | 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: | TIM 10/18/2019 |
| | | | | |
| | | | 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 | |