

**Catalog Year 2018-2019**

AAS, Welder-Fitter

A Major Academic Plan (MAP) is one way to complete a degree in a set number of semesters. The *example* below is an efficient strategy only. Actual plans for individual students will vary based on advisor recommendations and academic needs. Official Program Requirements including Major, General Education, Elective, and university requirements (see pg.2) are based on Catalog Year.

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| --- | --- | --- | --- | --- | --- | --- |
| **Course Subject and Title** | **Cr.** | **Min.**  **Grade** | **\*GE,**  **UU or UM** | **\*\*Sem. Offered** | **Prerequisite** | **Co Requisite** |
| Semester One | | | | | | |
| GE Objective 1: ENGL 1101 English Composition | 3 | C- | GE |  |  |  |
| WELD 0130: Safety and Leadership | 2 | C |  | F,S |  |  |
| WELD 0131: Welding Practice I OR  WELD 0131A: Shielded Metal Arc Welding And  WELD 0131B: Gas Metal Arc Welding And  WELD 0131C: Flux Cored Arc Welding | 12 | C |  | F,S | Instructor Permission | WELD 0131A and 0131B |
| WELD 0140: Welding Theory | 2 | C |  | F |  |  |
| WELD 0143: Shop Math I | 2 | C |  | F |  |  |
| Total | **21** |  |  |  |  |  |
| Semester Two | | | | | | |
| GE Objective 2: COMM 1101 Principles of Speech | 3 | C- | GE |  |  |  |
| WELD 0132: Welding Practice II | 12 | C |  | F,S | WELD 0131 |  |
| WELD 0141: Mechanical Drawing | 2 | C |  | S |  |  |
| WELD 0142: Blue Print Reading for Welders | 2 | C |  | S |  |  |
|  |  |  |  |  |  |  |
| Total | **19** |  |  |  |  |  |
| Semester Three (Summer) | | | | | | |
| GE Objective 3: | 3 | C- | GE |  |  |  |
|  |  |  |  |  |  |  |
| Total | **3** |  |  |  |  |  |
| Semester Four | | | | | | |
| GE Objective 6: | 3 | C- | GE |  |  |  |
| WELD 0231: Welding Practice III | 13 | C |  | F | WELD 0132 |  |
| WELD 0241: Metal Layout | 3 | C |  | F | WELD 0141 |  |
|  |  |  |  |  |  |  |
| Total | **19** |  |  |  |  |  |
| Semester Five | | | | | | |
| GE Objective: Select from Objectives not Previously Applied | 3 | C- | GE |  |  |  |
| WELD 0232: Welding Practice IV | 13 | C |  | S | WELD 0231 |  |
| WELD 0243: Shop Math II | 3 | C |  | S | WELD 0143 |  |
|  |  |  |  |  |  |  |
| 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.) | | | | | | |

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| **2018-2019 Major Requirements** | **CR** | **GENERAL EDUCATION OBJECTIVES**  **\* Satisfy 1, 2, 3, 6 and 3 cr. from 4, 5, 7 or 8** | | | | | | **15 Cr.**  **Min** |
| **WELD, AAS - MAJOR REQUIREMENTS** | **66** | 1. Written English (6 cr. min) ENGL 1101 (or equivalent) | | | | | | 3 |
| WELD 0130 Safety and Leadership | 2 |  | | | | | |  |
| WELD 0131 Welding Practice I OR  WELD 0131A Shielded Metal Arc Welding And  WELD 0131B Gas Metal Arc Welding And  WELD 0131C Flux Cored Arc Welding | 12 | 2. Spoken English (3 cr. min) COMM 1101 | | | | | | 3 |
| 3. Mathematics (3 cr. min) | | | | | | 3 |
| 4. Humanities, Fine Arts, Foreign Lang. | | | | | | |
|  | | | | | |  |
| WELD 0132 Welding Practice II | 12 |  | | | | | |  |
| WELD 0140 Welding Theory | 2 | 5. Natural Sciences **(1 Course including a lab; 4 cr. min)** | | | | | | |
| WELD 0141 Mechanical Drawing | 2 |  | | | | | |  |
| WELD 0142 Blueprint Reading for Welders | 2 |  | | | | | |  |
| WELD 0143 Shop Math I | 2 | 6. Behavioral and Social Science **(1 course; 3 cr. min)** | | | | | | |
| WELD 0231 Welding Practice III | 13 |  | | | | | | 3 |
| WELD 0232 Welding Practice IV | 13 |  | | | | | |  |
| WELD 0241 Metal Layout | 3 | **One Course from EITHER Objective 7 OR 8** | | | | | | |
| WELD 0243 Shop Math II | 3 | 7. Critical Thinking | | | | | |  |
|  |  | 8. Information Literacy | | | | | |
|  |  | 9. Cultural Diversity | | | | | | |
|  |  |  | | | | | |  |
|  |  | General Education Elective to reach 15 cr. min. | | | | | | |
|  |  |  | | | | | |  |
|  |  | **Total GE** | | | | | | **15** |
|  |  | Undergraduate Catalog and GE Objectives by [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) | | | | | | |
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|  |  |
|  |  | **MAP Credit Summary** | | | | | **CR** | |
|  |  | Major | | | | | 66 | |
|  |  | General Education | | | | | 15 | |
|  |  | Free Electives to reach 60 | | | | | 0 | |
|  |  | TOTAL | | | | | 81 | |
|  |  |  | | | | | | |
|  |  |
|  |  |
|  |  |
|  |  | **Graduation Requirement Minimum Credit Checklist** | | | **Confirmed** | | | |
|  |  | Minimum 15 cr. General Education Objectives (Associate) | | |  | | | |
|  |  | Minimum 60 cr. Total (Associate) | | |  |  | | |
|  |  |  | | |  |  | | |
|  |  |  | | |  |  | | |
|  |  |  | |  | | | | |
| **Advising Notes** | | ***MAP Completion Status (for internal use only)*** | | | | | | |
|  | |  | *Date* | | | | | |
|  | | *Department:* |  | | | | | |
|  | | *CAA or COT:* | CZ, 12/717 | | | | | |
|  | | *Registrar:* |  | | | | | |
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Form Revised 1.24.2018