

A Major Academic Plan (MAP) illustrates one way to complete a degree in a recommended number of semesters. Below is an example of an efficient and recommended plan, but actual plans will vary by individual student needs. Program requirements are based on Catalog Year. See page two for a detailed summary of Major, General Education, Elective, and university requirements.

Catalog Year 2020-2021  
A.S. Fire Services Administration to

B.S. Fire Services Administration Degree

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| --- | --- | --- | --- | --- | --- | --- |
| **Course Subject and Title** | **Cr.** | **Min.**  **Grade** | **\*GE,**  **UU or UM** | **\*\*Sem. Offered** | **Prerequisite** | **Co Requisite** |
| **A.S. Fire Services Administration** |  |  |  |  |  |  |
| Semester One | | | | | | |
| GE Objective 1: ENGL 1101 English Composition | 3 | C- | GE | F, S, Su | Appropriate placement score |  |
| GE Objective 3: (MATH 1153 needed for BS FSA degree) | 3 |  | GE |  |  |  |
| GE Objective 5: | 3 |  | GE |  |  |  |
| FSA 1103 Fire Prevention | 2 |  |  | D |  |  |
| FSA 1106 Principles of Emergency Services | 2 |  |  |  |  |  |
| Free Electives | 2 |  |  |  |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Two | | | | | | |
| GE Objective 1: ENGL 1102 Critical Reading and Writing | 3 | C- | GE |  | ENGL 1101 or equivalent |  |
| GE Objective 5: CHEM 1100, CHEM 1101, or 1111/lab other CHEM choice | 3-5 |  | GE |  |  |  |
| GE Objective 6: Recommend POLS 1101 Intro to US Government | 3 |  | GE |  |  |  |
| FSA 1101 Building Construction and Fire Protection | 2 |  |  | D |  |  |
| FSA 1105 Fire Protection Systems | 2 |  |  | D |  |  |
| Free Electives | 0-2 |  |  |  |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Three | | | | | | |
| GE Objective 2: Principles of Speech | 3 |  | GE |  |  |  |
| GE Objective 6: Recommend ONE OF ECON 1100 OR 2201 OR 2202 | 3 |  | GE |  |  |  |
| GE Objective 4: | 3 |  | GE |  |  |  |
| FSA 2201 Fire Administration 1 (non-core) | 2 |  |  | D |  |  |
| FSA 2202 Legal Aspects of the Fire Service (non-core) | 2 |  |  | D |  |  |
| Free Elective | 2 |  |  |  |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Four | | | | | | |
| GE Objective 4: Recommend PHIL 1103 Ethics | 3 |  | GE |  |  |  |
| GE Objective 7 or 8: | 3 |  | GE |  |  |  |
| GE Objective 9 | 3 |  | GE |  |  |  |
| FSA 1102 Fire Behavior and Combustion | 2 |  |  | D | CHEM 1100, 1101 or 1111 |  |
| FSA 1107 Principles of Fire & Emergency Services Safety & Survival | 2 |  |  | D |  |  |
| FSA 2250 Fire Science Integration (4cr) ¹ or Free Electives (2cr) | 2-4 |  |  |  |  |  |
| Total | 15-17 |  |  |  |  |  |
| **COMPLETION OF A.S. FIRE SERVICES ADMINISTRATION IS A PREQUISTE FOR THE B.S. IN FIRE SERVICES ADMINISTRATION** | | | | | | |
| **B.S. Fire Services Administration** | | | | | | |
| Semester Five | | | | | | |
| FSA 3325 Personnel Management for Fire Service Administrator | 3 |  | UM | D | FSA 2201 and FSA 2202 |  |
| FSA 3331 Community Risk Reduction for Fire & Emerg. Services | 3 |  | UM | D | FSA 1103 |  |
| Non-Core UD FSA Elective | 3 |  | UM | D |  |  |
| Free Elective (or EMGT Minor course) | 3 |  |  |  |  |  |
| Free Electives (or EMGT Minor course) | 3 |  |  |  |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Six | | | | | | |
| FSA 3333 Applications of Fire Research | 3 |  | UM | D | MATH 1153 and FSA 1103 |  |
| FSA 3329 Political and Legal Foundations of Fire Protection | 3 |  | UM | D | FSA 2202 |  |
| Non-Core UD FSA Elective | 3 |  | UM | D |  |  |
| Free Elective (or EMGT Minor course) | 3 |  |  |  |  |  |
| Free Electives (or UD EMGT Minor course) | 3 |  | UU |  |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Seven | | | | | | |
| FSA 3326 Fire Prevention Organization and Management | 3 |  | UM | D | FSA 1103 |  |
| Non-Core UD FSA Elective | 3 |  | UM | D |  |  |
| Free Electives (or EMGT Minor course) | 3 |  |  |  |  |  |
| Upper Division Free Electives | 3 |  | UU |  |  |  |
| Free Electives | 3 |  |  |  |  |  |
| Total | 15 |  |  |  |  |  |
| Semester Eight | | | | | | |
| FSA 3323 Fire and Emergency Services Administration | 3 |  | UM | D | FSA 2201 |  |
| FSA Elective UD (or UD Free Elective or UD EMGT Minor) | 3 |  | UU | D |  |  |
| FSA 4409 Internship (if required) or Free Electives | 3 |  | UM | D |  |  |
| Free Electives | 3 |  |  |  |  |  |
| Free Electives | 3 |  |  |  |  |  |
| Total | 15 |  |  |  |  |  |
| \*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.)  ¹ All AAS students must take FSA 2250 as a prerequisite for any upper-division fire courses. If upper division courses are not desired, FSA 2250 4 cr. can be replaced with 2 cr. of Free Electives. | | | | | | |

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| **2020-2021 Major Requirements** | **CR** | | **2019-2020 GENERAL EDUCATION OBJECTIVES**  **Satisfy Objectives 1,2,3,4,5,6 (7 or 8) and 9** | | | | | **36 cr. min** |
| **Requirements for Fire Services Administration** |  | | 1. Written English (6 cr. min) ENGL 1101  ENGL 1102 | | | | | 3 3 |
| **Associate of Science FSA courses** | **16-20** | |
| **Core Courses** | **12** | | 2. Spoken English (3 cr. min) COMM 1101 | | | | | 3 |
| FSA 1101 Building Construction for Fire Protection | 2 | | 3. Mathematics (3 cr. min) recommended MATH 1153 | | | | |  |
| FSA 1102 Fire Behavior and Combustion | 2 | | 4. Humanities, Fine Arts, Foreign Lang. **(2 courses; 2 categories; 6 cr. min)** | | | | | 6 |
| FSA 1103 Fire Prevention | 2 | | Recommend: PHIL 1103 | | | | |  |
| FSA 1105 Fire Prevention Systems | 2 | | 5. Natural Sciences (2 lectures-different course prefixes, 1 lab; 7 cr. min) | | | | | 7 |
| FSA 1106 Principles of Emergency Services | 2 | | Required: CHEM 1100 OR 1101 OR 1111 | | | | |  |
| FSA 1107 Principle Fire & Emerg. Services, Safety & Survival | 2 | | 6. Behavioral and Social Science **(2 courses-different prefixes; 6 cr. min)**  Recommend: ONE OF ECON 1100 OR 2201 OR 2202  Recommend: POLS 1101 | | | | | 6 |
| **Non-core courses** (or complete 90 hours Fire Officer I) | **0-4** | |
| FSA 2201 Fire Administration | 2 | |
| FSA 2202 Legal Aspects of the Emergency Services | 2 | | One Course from EITHER Objective 7 OR 8 **(1course; 3 cr. min)** | | | | | 3 |
| **Required for AAS Students** |  | | 7. Critical Thinking | | | | |  |
| FSA 2250 Fire Science Integration¹ | 4 | | 8. Information Literacy | | | | |  |
| **Bachelor of Science FSA courses** | **27-30** | | 9. Cultural Diversity **(1 course; 3 cr. min)** | | | | | 3 |
| **Core Courses** | 18 | | General Education Elective to reach 36 cr. min. **(if necessary)** | | | | |  |
| FSA 3323 Fire and Emergency Services Administration | 3 | | GE Objectives - Catalog Requirements: [Catalog Year](https://www.isu.edu/advising/academic-support/general-education/) | | | | |  |
| FSA 3325 Personnel Mgt. for Fire Service Administrator | 3 | |  | | | | |  |
| FSA 3326 Fire Prevention Organization and Management | 3 | | **Total GE (36 min)** | | | | | **37** |
| FSA 3329 Political and Legal Foundations of Fire Protection |  | |  | | | | |  |
| FSA 3331 Community Risk Reduction for Fire & Emerg Services | 3 | |  | | | | |  |
| FSA 3333 Applications of Fire Research |  | |  | | | | | |
| **Non – Core FSA Electives (select 3 courses)** | | **9** |  | | | | |  |
| FSA 3324 Analytic Approaches to Public Fire Protection | 3 | |  | | | | |  |
| FSA 3327 Fire-Related Human Behavior | 3 | |  | | | | |  |
| FSA 3328 Disaster Planning and Control | 3 | |  | | | | |  |
| FSA 3330 Fire Protection Structures and Systems | 3 | | **MAP Credit Summary** | | | | | **CR** |
| FSA 3332 Fire Investigation and Analysis | 3 | | AS and General Education (including 8-10 free electives) | | | | | 60-62 |
| FSA 3334 Fire Dynamics | 3 | | BS Major | | | | | 27-30 |
| FSA 3335 Emergency Medical Services Administration | 3 | | Free Electives to reach 120 credits | | | | | 27-33 |
| FSA 3336/EMGT 3306 Managerial Issues of Hazardous Mats | 3 | | **TOTAL** | | | | | **120** |
| **FSA Internship \*** |  | |  | | | | | |
| FSA 4409 Practicum-Internship | **0-3** | |
|  |  | | **Graduation Requirement Minimum Credit Checklist** | | | **Confirmed** | | |
|  |  | | Minimum 36 cr. General Education Objectives (15 cr. AAS) | | | x | | |
| *Recommended & optional toward free electives requirement:* |  | | Minimum 16 cr. Upper Division in Major (0 cr. Associate) | | |  | x | |
| ***Emergency Management Minor****:* | *18* | | Minimum 36 cr. Upper Division Overall (0 cr. Associate) | | |  | x | |
| *EMGT 1121 Principles of Emergency Management* | *3* | | Minimum of 120 cr. Total (60 cr. Associate) | | |  | x | |
| *Choose 3 courses from the EMGT AS or BS Core* | *9* | |  | |  | | | |
| *EMGT Electives* | *6* | |  | |  | | | |
| *Nine (9) of the eighteen (18) total credits must be upper division* | | |  | |  | | | |
| **Required General Electives from AS** |  | | ***MAP Completion Status (for internal use only)*** | |  | | | |
| MATH 1153 is required for BS not for AS |  | | *Department:* |  |  | | | |
| Choose one CHEM course: |  | | *CAA or COT:* | 3.4.2020jh |  | | | |
| CHEM 1100 Architecture of Matter (4 cr) |  | | *Registrar:* |  |  | | | |
| CHEM 1101 Introduction to General Chemistry (3 cr) |  | |  | |  | | | |
| CHEM 1111 General Chemistry I and Lab (5 cr) |  | |  | |  | | | |
|  |  | |  | |  | | | |
| **Advising Notes** | | | | | | | | |
| The requirements for the AS in Fire Services Administration (FSA) must be met in order to earn the BS FSA. | | | | | | | | |
| \*FSA Internship is required for students with less than 5 years in the fire services. | | | | | | | | |
| AAS students must complete the minimum 36 general education credits requirement. | | | | | | | | |  |
| ¹ All AAS students must take FSA 2250 as a prerequisite for any upper-division fire courses. If upper division courses are not desired, FSA 2250 4 cr. can be | | | | | | | | |
| replaced with 2 credits of Free Electives. | | | | | | | | |