

## ASSOCIATE OF SCIENCE FIRE SCIENCE EMPHASIS

The Associate of Science (AS) Fire Science Emphasis program is designed to meet the needs of students who aim to be an administrator or supervisor in the fire science field. Fire departments and private agencies are increasingly expecting candidates for those positions to have baccalaureate and higher degrees. Such degrees demonstrate the wide-ranging skills and knowledge necessary to manage complex and crucial challenges. The Eastern Oregon University's Bachelor of Science in Fire Science Administration is a liberal arts program designed to give students a strong theoretical background in fire department administration to prepare students to meet these industry needs.

The AS Fire Science Emphasis is articulated such that the identified courses complete the General Education Core credits required to graduate from Eastern Oregon University (EOU) plus fire science coursework transferring directly into the EOU bachelor's degree program. Admission to EOU is not guaranteed. Students shall apply for admission to EOU in accordance with the then-existing rules, policies, and procedures of EOU.

### PROGRAM STUDENT LEARNING OUTCOMES

Upon successful completion of this program the student will be able to:

- Be able to demonstrate safe and effective applied knowledge and skills of core fire science concepts including emergency services, fire protection and prevention, fire behavior and combustion, hydraulics and water supply, safety, and survival.
- Fulfill the Student Learning outcomes for an AS degree as well as the Foundational Requirements and Discipline Student Learning outcomes for an AA/OT degree.
- Fulfill the EOU General Education Core requirements.

### GRADUATION REQUIREMENTS

Students must complete a minimum of 91 credit hours with a minimum Grade Point Average (GPA) of 2.0 or better. All courses in the program must be completed with a 'C' or better. Twenty-four (24) credits must be completed at Southwestern before the AS Fire Science Emphasis degree is awarded.

Complete the graduation application process one term prior to the term of completion (e.g., spring term graduates must apply during winter term).



PROGRAM  
REQUIREMENTS

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PREREQUISITES	<b>CIS90 (2)</b> Computer Basics (or demonstrate proficiency)	Reading Score of ASSET42 COMPASS81	<b>MTH95 (4)</b> Intermediate Algebra (or placement test score)	<b>WR90 (3)</b> Paragraph Fundamentals (or placement test score)	
FALL = 13-14 CREDITS	<b>WR121 (3)</b> English Composition	<b>(4-5)</b> Science/Math Elective <sup>1</sup>	<b>SOC204 (3)</b> Introduction to Sociology	<b>FS5254 (3)</b> Introduction to Fire Protection	
WINTER = 16-17 CREDITS	<b>WR122 (3)</b> English Composition	<b>(4-5)</b> Science/Math Elective <sup>1</sup>	<b>(3)</b> Social Science Elective <sup>2</sup>	<b>FS5276 (3)</b> S130/190 Wildland Fire Type II	<b>(3)</b> Elective
SPRING = 13-14 CREDITS	<b>WR123 (3)</b> English Composition <sup>3</sup>	<b>(4-5)</b> Science/Math Elective <sup>1</sup>	<b>(3)</b> Social Science Elective <sup>2</sup>	<b>FS5677 (3)</b> Building Construction Related to the Fire Service	

PROGRAM REQUIREMENTS

### 42-45 CREDITS = FIRST YEAR TOTAL REQUIREMENT

FALL = 17 CREDITS	<b>MTH105 (4)</b> Math in Society (or higher)	<b>ECON201 (4)</b> Microeconomics <sup>4</sup>	<b>(3)</b> Arts and Letters Elective <sup>5</sup>	<b>FS5676 (3)</b> Fire and Emergency Services Administration	<b>FS5259 (3)</b> Fire Organization and Command
WINTER = 16 CREDITS	<b>MTH243 (4)</b> Intro to Probability and Statistics	<b>SP111 (3)</b> Fundamentals of Public Speaking <sup>6</sup>	<b>(3)</b> Arts and Letters Elective <sup>5</sup>	<b>FS5675 (3)</b> Fire Protection Systems and Extinguishers	<b>PE231 (3)</b> Wellness for Life <sup>7</sup>
SPRING = 16 CREDITS	<b>(3)</b> Arts and Letters Elective <sup>5</sup>	<b>(3)</b> Social Science Elective <sup>2</sup>	<b>(3)</b> Arts and Letters Elective <sup>5</sup>	<b>FS5672 (4)</b> Principles Fire & Emergency Services Safety & Survival	<b>FS996B (3)</b> Fundamentals of Fire Prevention

### 49 CREDITS = SECOND YEAR TOTAL REQUIREMENT

### 91-94 CREDITS = TOTAL PROGRAM REQUIREMENT

**PROGRAM NOTES**

<sup>1</sup>Select from BI101, 102, 103, 201, 202; CHEM221, 222, 223; G201, 202, 203; GS104, 105, 106, 107, 108.

<sup>2</sup>Select from ANTH101, 102, 103, 221, 222, 223; GEOG105; HST101, 102, 103, 201, 202, 203; PSY201, 202, 203, 231; SOC205, 206.

<sup>3</sup>WR227 may be substituted for WR123.

<sup>4</sup>ECON202 may be substituted for ECON201.

<sup>5</sup>Select two courses from ART115, 116, 117, 131, 132, 133, 191, 192, 244, 253, 281; MUS101; WR241, 242, 243 and two courses from ART204, 205, 206; ASL201, 202, 203; ENG104, 105, 106, 107, 108, 201, 204, 205, 206; MUS111, 112, 113, 205, 206; PHL101, 102; SPAN201.

<sup>6</sup>SP218 may be substituted for SP111.

<sup>7</sup>HE250 or three (3) credits of PE185 may be substituted for PE231.