

EASTERN KENTUCKY UNIVERSITY  
COLLEGE OF JUSTICE & SAFETY

DEPARTMENT OF SAFETY, SECURITY & EMERGENCY MANAGEMENT  
FIRE AND SAFETY ENGINEERING TECHNOLOGY  
BACHELOR OF SCIENCE DEGREE

Fire Protection Administration Option

MAJOR REQUIREMENTS: CORE (24 Hours)

FSE 101	Fire Prevention
FSE 120	Fire Behavior & Combustion
FSE 200	Applied Fire/Safety Analysis
FSE 221	Fire Protection Systems
FSE 305	Hazardous Materials
FSE 320	Principles of Emergency Services
FSE 361	Principles of Occupational Safety and Health

3 Hours From:

FSE 349	Cooperative Study
---------	-------------------

OPTION REQUIREMENTS: (42 Hours)

FSE 201	Building Construction
FSE 223	Fire and Emergency Scene Operations
FSE 225	Legal Aspects of Fire Protection and Safety
FSE 230	Fire Prevention Organization & Management
FSE 300	Technical Report Writing for Emergency Services
FSE 322	Fire Protection Structures and System Design
FSE 350	Fire Arson and Explosion Investigation I (3 Hours)
<b>FSE 355</b>	<b>Fire Dynamics</b>
FSE 360	Fire Protection Hydraulics and Water Supply
FSE 365	Emergency Service Instructional Methodology
FSE 375	Emergency Service Resource Management
<b>FSE 390</b>	<b>Workers Compensation I</b>
FSE 400	Advanced Emergency Services
FSE 425	Disaster & Community Fire Defense Planning

SUPPORTING COURSE REQUIREMENTS: (17 Hours)

CHE 101/107L	General Chemistry I and
CHE 102	General Chemistry II
MAT 107	College Algebra
PSY 200	Introduction to Psychology
TRS 235	Emergency Vehicle Roadway Operations Safety

GENERAL EDUCATION REQUIREMENTS: (36 Hours)

Standard General Education program excluding Blocks II,VB, VIII. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

UNIVERSITY REQUIREMENTS: (1Hour)

JSO 100

FREE ELECTIVES: (8 Hours)

TOTAL CURRICULUM REQUIREMENTS: (128 Hours)

**FIRE AND SAFETY ENGINEERING TECHNOLOGY  
BACHELOR OF SCIENCE DEGREE**

**Fire Protection Administration Option**

**GENERAL EDUCATION REQUIREMENTS: (36 Hours)**

**BLOCK I      COMMUNICATION**

IA	WRITTEN COMMUNICATION	3 HOURS
IB	WRITTEN COMMUNICATION	3 HOURS
IC	ORAL COMMUNICATIONS	3 HOURS

**BLOCK III     ARTS AND HUMANITIES**

IIIA	ARTS	3 HOURS
IIIB	HUMANITIES	3 HOURS

**OR**

IIIA/B	INTEGRATED ARTS AND HUMANITIES	OR 6 HOURS
--------	--------------------------------	---------------

**BLOCK IV     NATURAL SCIENCE**

IVA	BIOLOGICAL LABORATORY SCIENCE	3 HOURS
IVB	PHYSICAL SCIENCE LABORATORY	3 HOURS

**BLOCK V      SOCIAL AND BEHAVIORAL SCIENCES**

VA	HISTORY	3 HOURS
VC	HISTORY OR SOCIAL AND BEHAVIORAL SCIENCE	3 HOURS

**BLOCK VI     WELLNESS**

**3 HOURS**

**BLOCK VII    BREADTH OF KNOWLEDGE**

**6 HOURS**

**SELECT SIX HOURS FROM TWO OF THE FOLLOWING  
AREAS**

VII (AH)	ARTS AND HUMANITIES
VII (QS)	QUANTITATIVE SKILLS
VII (SBS)	SOCIAL AND BEHAVIORAL SCIENCES

