

FIRE, ARSON, AND EXPLOSION INVESTIGATION, BACHELOR OF SCIENCE (B.S.)

Program Requirements

CIP Code: 43.0205

Summary Checklist for General Education

| Code | Title | Hours |
|--------------------|---|-----------|
| Element 1 | | |
| A: | Written Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/) | 3 |
| B: | Written Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/) | 3 |
| C: | Oral Communication (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-1/) | 3 |
| Element 2 | | |
| | Quantitative Reasoning (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-2/) | 3 |
| Element 3 | | |
| A: | Arts (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/) | 3 |
| B: | Humanities (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-3/) | 3 |
| Element 4 | | |
| | Natural Sciences (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-4/) | 6 |
| Element 5 | | |
| A: | Historical Science (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/) | 3 |
| B: | Social Behavioral Science (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-5/) | 3 |
| Element 6 | | |
| | Diversity of Perspectives Experiences (http://catalogs.eku.edu/undergraduate/general-academic-information/general-education-requirements/element-6/) | 6 |
| Total Hours | | 36 |

Students are expected to complete Elements 1 and 2 within their first 60 hours of college credit.

Major

The Department of Safety, Security, and Emergency Management requires that each graduate of Fire, Arson, and Explosion Investigation (B.S.) must complete a minimum of 32 credit hours in the College of Justice, Safety and Military Science at Eastern Kentucky University and must complete a minimum of 18 upper division credits from the Safety, Security and Emergency Management Department.

| Code | Title | Hours |
|---|--|------------|
| University Graduation Requirements | | |
| General Education | | 36 |
| <i>Student Success Seminar</i> | | |
| JSO 100 | Student Success Seminar (waived for transfers with 30+ hrs.) | 1 |
| Writing Intensive Course (Hrs. incorporated into Major/ Supporting/ Gen Ed/Free Electives category) | | |
| Upper division courses (42 hrs. distributed throughout Major/ Supporting/Gen Ed/Free Electives categories) | | |
| ACCT - Fire, Arson and Explosion Investigations majors will fulfill ACCT with the following. (Credit hours are incorporated into major requirements below.) | | |
| FSE 496 | Fire Investigation Case Preparation | |
| Major Requirements | | |
| <i>Core Courses</i> | | |
| FSE 101 | Fire Prevention | 3 |
| FSE 120 | Fire Behavior and Combustion | 3 |
| FSE 201 | Building Construction | 3 |
| | or FSE 201S Building Construction | |
| FSE 221 | Fire Detection and Suppression Systems | 3 |
| FSE 223 | Fire and Emergency Scene Operations | 3 |
| FSE 250 | Introduction to Explosion Investigations and Bombings | 3 |
| FSE 260 | Proving Criminal Acts | 3 |
| FSE 280 | Constitutional Criminal Procedure | 3 |
| FSE 305 | Hazardous Materials | 3 |
| FSE 330 | Principles of Criminal Investigation | 3 |
| FSE 349 | Applied Learning in Fire and Safety Engineering | 3 |
| FSE 350 | Fire Arson and Explosion Investigation | 3 |
| FSE 355 | Fire Dynamics | 3 |
| FSE 370 | Electrical and Mechanical Systems Failure Analysis | 3 |
| FSE 380 | Failure Analysis | 3 |
| FSE 450 | Advanced Explosion and Bombing Investigation | 3 |
| FSE 495 | Fire Arson and Explosion Case Preparation | 3 |
| FSE 496 | Fire Investigation Case Preparation | 3 |
| FSE 499 | Practicum | 2 |
| <i>Supporting Course Requirements</i> | | |
| CHE 101 | Introductory Chemistry (Element 4) ^G | |
| CHE 101L | Introductory Chemistry Lab (Element 4) ^G | |
| Choose from one of the following: | | 4 |
| CHE 102 & 102L | Introductory Chemistry II and Introductory Chemistry Lab II | |
| CHE 111 & 111L | General Chemistry and General Chemistry Lab I (Element 4) ^G | |
| CHE 112 & 112L | General Chemistry II and General Chemistry Lab | 4 |
| FOR 301 | Introduction to Forensic Science | 3 |
| MAT 114 | College Algebra (Element 2) ^G | |
| <i>Free Electives</i> | | |
| Choose from 16 hours of free electives | | 16 |
| Total Hours | | 120 |

G

Course also satisfies a General Education element. Hours are included within the 36 hr. General Education requirement above. A maximum of 3 cr. hr. will count toward Element 4.