

Program: **Occupational Safety**  
 Major: **Occupational Safety**  
 Degree: **Bachelor of Science (B.S.)**

Dept: **Adult Education and Safety Sciences**  
 College: **Education and Professional Studies**  
 Major Code: **3261**

**University Core (Total Listed 42-44)**

Specific courses within the University Core are listed on pages 95-96.

• Courses from the major may apply to the areas marked in the University Core.

**Written and Oral Communication ..... 9**

**Quantitative Reasoning/Scientific Method ..... 10-11**

• Math..... 3

Life Science ..... 4

• Physical Science ..... 3-4

**Critical Inquiry and Aesthetic Analysis ..... 6**

Aesthetic Analysis ..... 3

Critical Inquiry ..... 3

**American Historical and Political Analysis ..... 6**

American National Government ..... 3

American History ..... 3

**Cultural and Language Analysis ..... 3-4**

Second Language ..... 4

OR

Cultural Analysis..... 3

**Social and Behavioral Analysis ..... 3**

**Life Skills ..... 5**

Required Health Course..... 2

• Elective Life Skills ..... 3

**Minimum  
Required Hours**

**Minimum  
Required Hours**

**Major Requirements**

**Occupational Safety ..... 61**

**Required Courses:..... 58**

- MATH 1513 College Algebra
- CHEM 1014 Introductory Chemistry and Lab
- SFTY 2343 Safety Education
- SFTY 2503 Basic Measurements in Occupational Safety
- SFTY 3073 Fundamentals of Occupational Safety
- SFTY 3103 Legal Aspects of Occupational Safety
- SFTY 3333 Ergonomics
- SFTY 3343 Construction Safety
- SFTY 3433 Introduction to OSHA
- SFTY 3443 Mandatory OSHA Training
- SFTY 3733 Fundamentals of Emergency Management
- SFTY 4123 Industrial Hygiene I
- SFTY 4163 Environmental Management
- SFTY 4173 Fire Prevention and Protection
- SFTY 4213 Chemical Hazards and Controls
- SFTY 4403 Transportation Safety Management
- SFTY 4433 Occupational Risk Management
- SFTY 4633 Accident Investigation Techniques
- SFTY 4643 Advanced Safety Management

**Capstone..... 3 #**

Selected from the following:

- SFTY 4873 Safety Program Development
- SFTY 4950 Internship in Occupational Safety (3 hrs required)

#All B.S. in Occupational Safety majors must complete the Safety Senior Exam in conjunction with their capstone experience. The score on the Safety Senior Exam will be incorporated into the Capstone grade.

**Electives to bring total to ..... 124**

Recommended electives:

- HLTH 2212 First Aid with CPR
  - SFTY 2323 Product Safety
  - SFTY 3112 Physical Aspects of Occupational Safety
  - SFTY 3203 Driver and Traffic Safety Education I
  - SFTY 3353 Radiation Safety
  - SFTY 3623 Fundamentals of Petroleum Safety
  - SFTY 3633 International Safety
  - SFTY 3713 Supervisor Development
  - SFTY 4013 Alcohol and Drug Education
  - SFTY 4083 Advanced Safety Engineering
  - SFTY 4133 Industrial Hygiene II
  - SFTY 4152 Personal Protective Equipment
  - SFTY 4203 Principals, History and Philosophy of Safety Education
  - SFTY 4222 Industrial Fire Systems
  - SFTY 4232 Life Safety Code
  - SFTY 4243 Industrial Noise Control
  - SFTY 4253 Electrical Safety
  - SFTY 4303 Driver and Traffic Safety II
  - SFTY 4323 Underground Storage Tank Management
  - SFTY 4333 Storm Water Management
  - SFTY 4412 Hazard Communication
  - SFTY 4423 Applied Ergonomics
  - SFTY 4443 Asbestos and Lead Management
  - SFTY 4453 Hazard Waste Operations and Emergency Response
  - SFTY 4463 Industrial Ventilation
  - SFTY 4613 Professional Safety Development
  - SFTY 4723 Advanced Field Applications in Petroleum Safety
  - SFTY 4900 Practicum in Occupational Safety (1-4 hours)
- Other courses as approved by Program Coordinator

**Minimum Grade Requirements**

Average in (a) all college course work, (b) course work at UCO, and (c) major courses..... 2.00

**For other regulations pertaining to graduation, see pages 66-67 of the 2019-2020 catalog.**