

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

Dept: **Adult Education and Safety Sciences**
 College: **Education and Professional Studies**
 Major Code: **3260**

University Core (Total Listed 42-44)

Specific courses within the University Core are listed on pages 96-97.

• 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**

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Required Hours**

Major Requirements

Industrial Safety 64-67

Required Courses: 46-49

- CMSC 1053 Professional Computer Applications and Problem Solving **OR**
- CMSC 1103 Introduction to Computing Systems
- MATH 1513 College Algebra
- CHEM 1014 Introductory Chemistry and Lab
- SFTY 2343 Safety Education
- SFTY 2503 Basic Measurements for Industrial Safety
- SFTY 3073 Industrial Safety I
- SFTY 3333 Ergonomics
- SFTY 3433 Introduction to OSHA
- SFTY 4123 Industrial Hygiene I
- SFTY 4163 Environmental Safety
- SFTY 4173 Fire Prevent., Protect. and Control
- SFTY 4213 Chem and Toxicology of Hazardous Mat & Waste
- SFTY 4412 Hazard Communication
- SFTY 4433 Occupational Risk Management
- SFTY 4613 Professional Safety Development
- SFTY 4900 Industrial Safety Practicum (1-4 hours)

Concentration 18

Complete concentration A or B

Concentration A:

Select at least 18 hours from the following:

- SFTY 3343 Construction Safety
- SFTY 3443 Mandatory OSHA Training
- SFTY 4013 Alcohol and Drug Education
- SFTY 4083 Industrial Safety II
- SFTY 4203 Prin., Hist., and Phil. of Safety Education
- SFTY 4232 Life Safety Code
- SFTY 4402 Supervision of Transportation

Concentration B:

Select at least 18 hours from the following:

- SFTY 3112 Physical Aspects of Industrial Safety
- SFTY 3353 Radiation Safety
- SFTY 4133 Industrial Hygiene II

- SFTY 4152 Personal Protective Equipment
- SFTY 4243 Industrial Noise Control
- SFTY 4253 Electrical Safety
- SFTY 4463 Industrial Ventilation

Electives to bring total to 124

Recommended electives:

- HLTH 2212 First Aid with CPR
- SFTY 2323 Product Safety
- SFTY 3102 Legal Aspects of Safety Education
- SFTY 3203 Driver and Traffic Safety Education I
- SFTY 3623 Fundamentals of Petroleum Safety
- SFTY 3633 International Safety
- SFTY 3713 Supervisor Development
- SFTY 3733 Fundamentals of Emergency Management
- SFTY 4222 Industrial Fire Systems
- SFTY 4303 Driver and Traffic Safety II
- SFTY 4323 Underground Storage Tank Management
- SFTY 4333 Storm Water Management
- SFTY 4423 Applied Ergonomics
- SFTY 4443 Asbestos and Lead Management
- SFTY 4453 Hazard Waste Operations and Emergency Response
- SFTY 4723 Advanced Field Applications in Petroleum Safety
- SFTY 4950 Internship in Industrial Safety (1-4 hours)
- Other courses as approved by Program Coordinator

Students in one area of concentration may take any class in the other area of concentration as an elective.

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 67-68 of the 2017-2018 catalog.