

OCCUPATIONAL SAFETY AND HEALTH (OSH) MANAGEMENT ASSOCIATE IN SCIENCE



Since the beginning of the industrial revolution, there has been a steady increase in workplace injuries, illnesses, and death. California has the second-highest demand for Occupational Safety and Health technicians in the United States. OSH Technicians inspect workplaces, evaluate hazards, train employees, implement personal protective equipment programs, and help employers comply with safety regulations from local, state, and federal regulatory agencies. The EHSM program has developed a broad range of classes to ensure students have experience and in-depth understanding of safety inspections, air, noise, ventilation, radiological and biological testing, ergonomic services, and providing workplace illness and injury programs. We offer specialty courses in construction and laboratory safety. Students completing the associate degree in OSH management will obtain jobs as an Occupational Safety and Health Technician or Specialist, Environmental Safety and Health Technician or Specialist, Safety Technician or Specialist, Industrial Hygiene Technician or Specialist, and Risk Manager.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Perform work-related functions according to current industry standards.
- Assess and resolve work-related problems using current industry-specific tools and resources.
- Communicate effectively to prospective clients, managers and coworkers in a workplace setting.
- Abide by industry regulations regarding occupational health and safety, and/or environmental standards.

Associate in Science Degree Requirements

Code	Title	Units
EHSM-100	Introduction to Environmental and Occupational Safety and Health (OSH) Technology	4
EHSM-130	Environmental/Occupational Health Effects of Hazardous Materials	3
EHSM-135	General Industry Safety Standards	3
EHSM-200	Hazardous Materials Management (HMM) Applications	4
EHSM-201	Introduction to Industrial Hygiene and Occupational Health	4
EHSM-205	Safety and Risk Management Administration	4
EHSM-230	Hazwoper Certification	3
List A		

Select one of the following: 3-4

EHSM-140	Laboratory Safety Management
EHSM-145	Construction Safety Standards

List B

Select one of the following: 1-4

EHSM-240	Cooperative Work Experience
EHSM-250	EHS Field Applications

List C

Select either: 4-5

BIO-130 & BIO-131	General Biology I and General Biology I Laboratory
BIO-240	Principles of Ecology, Evolution and Organismal Biology

List D

Select one of the following: 4-5

CHEM-120	Preparation for General Chemistry
CHEM-141	General Chemistry I

List E

Select one of the following: 3-5

CIS-110	Principles of Information Systems
COMM-122	Public Speaking
COMM-124	Intercultural Communication
SPAN-120	Spanish I

Total Units

40-48

Plus General Education Requirements (<https://catalog.gccd.edu/cuyamaca/degree-requirements-transfer-information/>)