

INDUSTRIAL HYGIENE AND SAFETY MANAGEMENT

Department of Environmental and Occupational Health
College of Public Health, University of South Florida, Tampa



The most common academic/professional backgrounds of individuals entering a graduate program in Industrial Hygiene and Safety Management are:

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|-----------|-----------------------|-------------|----------|
| Biology | Engineering | Mathematics | Nursing |
| Chemistry | Environmental Science | Physics | Medicine |

Job Trends: The Health Resources and Services Administration, DHHS, reports increased demand for the following environmental health specialists: Institutional health, industrial hygiene, occupational health and safety, injury control and academicians.

Salary Ranges: Salary ranges will vary depending on professional experience and qualifications along with geographic location and work setting.

| Principle Responsibilities | Key Issues | Job Titles | Job Settings |
|--|---|--|--|
| <ul style="list-style-type: none"> Design, implementation and management of industrial hygiene and safety management programs to reduce illness and accidents, absenteeism and worker's compensation costs Assessment of potential impact of work environments on employee and public health and safety Design of complex work environments and engineering controls Administration of occupational health laws Conduct of basic and applied research Provision of industrial hygiene and safety management health education Development and analysis of policy | <ul style="list-style-type: none"> Workplace hazards Employee health Physical agents in the workplace Chemical agents in the workplace Accident investigations Occupational ergonomics Industrial toxins and toxic by-products Indoor air quality | <ul style="list-style-type: none"> Health Safety Officer Health Research Scientist Industrial Hygienist Research Scientist Industrial Physiologist Director, Safety Design Highway Safety Engineer Director, Corporate Program Analysis Hazard Communication Specialist | <ul style="list-style-type: none"> Universities and colleges Federal, state and local government agencies Industry Research firms Consulting firms Hospitals Professional organizations Voluntary agencies |

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