

# Environmental Safety And Health Degree Program (Master of Science)

The Master of Science (M.S.) Degree program in Safety is designed to develop an advanced understanding of general and specific issues relevant to occupational and environmental safety. Students will develop skills in collecting, analyzing, and drawing conclusions from data. Courses will include preparation and delivery of oral and written reports and projects relevant to accident investigations, job safety analyses, health concerns, workers' compensation issues, fire protection measures, workplace ergonomics assessment and hazard investigation.

## Program Coordinator:

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## Admission Requirements:

1. Applicants must meet the University of Wisconsin-Whitewater School of [Graduate Studies admission requirements](#).
2. A baccalaureate degree from a regionally accredited university or college.
3. Twenty (20) or more semester-hours (undergraduate credits) in science, business, math or engineering.
4. Completion of at least one semester of college-level probability and statistics.
5. Completion of at least one semester of college-level chemistry.
6. The equivalent of at least one year of full-time professional experience in environmental safety and health as documented by work history (i.e., resume).
7. Computer skills proficiency including the ability to navigate the Web, to manipulate and organize computer files and email, and to use Microsoft Office applications.

## International Students:

If you are a student from a country where English is not the native language, you will also need to supply results for the [Test of English as a Foreign Language \(TOEFL\)](#) or the [International English Language Testing System \(IELTS\)](#). A TOEFL score of 550 paper, 213 computer, or 79 internet-based, or an IELTS score of 6.0 is required for admission.

International students will want to learn more about our [Center for Global Education](#).

### **Exceptions:**

Exceptions to the admission requirements may be made on a case-by-case basis. Due to competitive enrollments, admission may be limited despite fulfillment of the entrance requirements shown here.

### **Apply:**

You can [apply](#) online today.

### **Degree Requirements:**

The MS in Environmental Safety and Health requires thirty (30) units of course work which includes the successful completion of SAFETY 789, and the capstone research paper required in that course. At least 18 units must be completed in 700-level courses. Most MS ESH courses are delivered in sequential 8-week class sessions. Students completing all courses in a timely fashion should be able to conclude their studies in about two years.

## **ENVIRONMENTAL SAFETY AND HEALTH (M.S.)**

### **REQUIRED COURSES (27 UNITS)**

- SAFETY 701 RESEARCH METHODS
- SAFETY 712 DISASTER PLANNING AND RESPONSE
- SAFETY 753 ENVIRONMENTAL SAFETY & HEALTH LAW
- SAFETY 757 PRINCIPLES OF OCCUPATIONAL EPIDEMIOLOGY
- SAFETY 779 ADVANCED TOPICS IN INDUSTRIAL HYGIENE
- SAFETY 783 ENVIRONMENTAL AND SAFETY MANAGEMENT
- SAFETY 784 ADVANCED ERGONOMICS
- SAFETY 787 SYSTEM SAFETY ANALYSIS
- SAFETY 789 READINGS AND RESEARCH IN SAFETY

### **ELECTIVE COURSES (3 UNITS)**

- SAFETY 583 INTRODUCTION TO SECURITY
- SAFETY 650 BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION
- SAFETY 790 WORKSHOP
- SAFETY 796 SPECIAL STUDIES

- SAFETY 798 INDIVIDUAL STUDIES IN SAFETY
- MANGEMNT 751 STAFFING AND EVALUATION
- MANGEMNT 753 TRAINING AND DEVELOPMENT
- MANGEMNT 760 STRATEGIC MANAGEMENT OF HUMAN RESOURCES

For course descriptions visit the [MS ESH Courses](#) page.