Occupational & 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:

Alvaro Taveira
Hyland 3305B
Phone: (262) 472-5427
Email: taveiraa@uww.edu

Academic Department Associate:

Kay Vant
Hyland 3305
Phone: (262) 472-1117
Email: safety@uww.edu

Additional Admission Requirements:

Three letters of recommendation supporting the candidate's ability to do graduate level work, a successful interview with the Program Coordinator, and meeting the prerequisites listed below.

Degree Requirements:

Thirty-six units of course work which may include a practicum, successful completion of an oral defense of a thesis, or the successful completion of a research paper and a written comprehensive exam. At least 18 units must be completed in 700-level courses.

SAFETY (M.S.)

PREREQUISITES (OR EQUIVALENTS)

All prerequisites must be completed prior to enrolling in the second semester of the master's program. (Effective fall 07)

1. SAFETY 380 INDUSTRIAL ACCIDENT PREVENTION
2. CHEM 102 CHEMISTRY
3. MATH 231 UNDERSTANDING PROBABILITY & STATISTICS

CORE COURSES - 18-30 UNITS

- SAFETY 711 PRINCIPLES OF INSTITIONAL SAFETY
- SAFETY 752 SAFETY COMMUNICATIONS
- SAFETY 753 LEGAL ASPECTS IN OCCUPATIONAL SAFETY
- SAFETY 783 ENVIRONMENTAL AND SAFETY MANAGEMENT
- SAFETY 787 SYSTEM SAFETY ANALYSIS
- SAFETY 790 WORKSHOP
- SAFETY 793 PRACTICUM (MAY BE WAIVED FOR THOSE WITH APPROPRIATE WORK EXPERIENCE.)
- SAFETY 798 INDIVIDUAL STUDIES IN SAFETY

RESEARCH REQUIREMENTS - 6-9 UNITS

- SAFETY 757 PRINCIPLES OF OCCUPATIONAL EPIDEMIOLOGY **or**
- EDFOUND 740 TECHNIQUES OF RESEARCH
- SAFETY 799 THESIS RESEARCH **OR**
  SAFETY 789 READINGS AND RESEARCH IN SAFETY*

*Students electing SAFETY 789 Readings and Research as part of their Research Requirements need to take a mandatory Comprehensive Examination.

SUGGESTED EXPANSION COURSES - 0-18 UNITS

- SAFETY 581 MOTOR FLEET SAFETY
- SAFETY 582 SAFETY IN THE CONSTRUCTION INDUSTRY
- SAFETY 583 INTRODUCTION TO SECURITY
- SAFETY 584 CONSTRUCTION ACCIDENT PREVENTION
- SAFETY 620 PRINCIPLES OF ENVIRONMENTAL MANAGEMENT
- SAFETY 650 BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION
- SAFETY 671 APPLIED METHODS IN ERGONOMICS
- SAFETY 672 ADVANCED INDUSTRIAL ERGONOMICS
- SAFETY 679 PRINCIPLES AND METHODS OF INDUSTRIAL HYGIENE
- SAFETY 682 CONSTRUCTION SAFETY MANAGEMENT
- SAFETY 683 OCCUPATIONAL SAFETY MANAGEMENT
- SAFETY 685 FIRE PROTECTION/PREVENTION
- SAFETY 687 PRODUCT SAFETY
- SAFETY 688 ERGONOMICS
- SAFETY 689 HAZARDOUS MATERIALS MANAGEMENT
- SAFETY 690 WORKSHOP

OTHER COURSE(S) CHOSEN IN CONSULTATION WITH ADVISER