

Environmental Health Education Programs in Wisconsin

University of Wisconsin - Eau Claire
Environmental & Public Health
(715) 836-2628
www.uwec.edu

University of Wisconsin - Milwaukee
Institute of Environmental Health
(414) 229-5463
www.uwm.edu/Dept/MFB

For UW-System information go to
www.uwhelp.wisconsin.edu and select
majorman, or call 800-442-6459

Lake Shore Technical College
(888) 468-6582
www.gotoltc.com

Milwaukee Area Technical College
(414) 297-6282
www.matc.edu

Fox Valley Technical College
(800) 735-3882
www.fvtc.edu

Moraine Park Technical College
(800) 472-4554
www.morainepark.edu

Contact University of Wisconsin colleges and technical colleges for courses related to Environmental Sciences.

Careers in Environmental Health

Environmental Health is a field providing a wide variety of employment opportunities. Trained professionals in this career provide research, technical information, inspection and consultation services for many industries and agencies. Environmental health specialists may be employed in local, state, or federal health-related agencies. Others may work in food processing, occupational health, environmental monitoring firms, and insurance companies.



Employment Opportunities:

- Industrial Hygiene
- Food Protection and Safety
- Hazardous and Solid Waste
- Environmental Engineering
- Water Quality and Protection
- Air Quality
- Environmental Health Sanitarian/Specialist
- Natural Resources
- Environmental Health Protection & Education
- Toxicology
- Laboratory Technician
- Soil Science/Land Conservation
- Radiation Protection

Place
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WEHA
P.O. Box 8565
Madison, WI 53708-8565

Environmental Health Careers



For additional information, contact your state or local Health Department or WEHA at www.WEHA.net

Environmental Health is the science of preventing and controlling environmental hazards to preserve and improve human health, safety, and welfare.

Professionals in the field of environmental health protect human health and well-being. Many facets of our daily lives are taken for granted due to the work of environmental health professionals. This work results in safe drinking water and food supplies, clean air to breathe, and a healthier work and play environment. Thanks to trained professionals in environmental health, this and future generations will continue to enjoy a higher quality of life than ever before.

What the Future Holds

There is growing concern for protecting people and the environment from various environmental factors, which include man-made products.

As this concern grows and technology changes, the environmental health field will need increasing numbers of trained, knowledgeable professionals to solve the problems we face today and those of the future. Some specialty areas, such as industrial safety and occupational health, continue to see the demand for trained professionals exceeding the available supply.



Environmental Health Sanitarian

We all need clean air to breathe, clean water to drink, and safe food to eat, along with an environment that is free of toxic substances.

It is the job of the Environmental Health Sanitarian to ensure that we all enjoy safe air, food, and water, while living free of toxins in our environment. A career in this area typically involves a diverse working knowledge of water supply, food protection, indoor and outdoor air quality, waste disposal, environmental toxins, pest control, noise control, radiation protection, and other public health concerns.

Air Quality

The quality of indoor and outdoor air that we breathe is vital to our health. Indoor air quality specialists focus on indoor air concerns such as allergens, toxins, and mold. Outdoor air specialists focus on causes of outdoor air pollution such as industry, agriculture, and transportation. Air quality specialists often have a strong background in science including chemistry and engineering. These professionals work for governmental agencies or private industry.

Water Quality and Protection

Both the demand for water and the threats to safe drinking water continue to grow, ensuring a continuing need for water quality and protection specialists. This broad field includes all of the aspects involved in water supply and proper disposal of wastewater to ensure that the water that we drink is free of contaminants such as viruses, bacteria, and harmful chemicals. Professionals in this field often have a strong background in geology, hydrology, and chemistry. These professionals often work for governmental agencies or private industry.



Food Protection and Safety

The quality and safety of our food can be compromised by a wide variety of environmental factors and deliberate contamination. Food Protection and Safety professionals work at all levels to ensure safe food supplies including food production, harvesting, processing, sales, product labeling, transportation, and storage. Food Safety professionals often have a specialized knowledge of one of the stages involved in food supply. Typically Food Safety professionals work for governmental agencies or for private industries.



Hazardous and Solid Waste

Many human activities are associated with the generation of solid and hazardous wastes. It is the job of the Solid and Hazardous Waste specialist to minimize the production of solid and hazardous wastes, oversee its transportation and disposal, and conduct the cleanup of hazardous waste spills. These professionals may also focus on reuse and recycling as a means to minimize waste. Typically these professionals have a strong interest and background in chemistry and physical science.

Industrial Hygiene

Industrial hygiene professionals work to ensure the safety and health of employees, consumers, and area residents from environmental toxins and hazards associated with industry. They work for either governmental agencies or private industry. Beyond having a strong background in health and safety, Industrial Safety and Occupational Health Specialists often have an education background and experience in industrial engineering and natural resource acquisition or use.



Environmental Engineering

As our needs for natural resources such as air, water, and energy continue to grow, new facilities must be built and old facilities need to be improved. Engineers design these projects, recommend locations, size, operational processes, and often oversee construction of the projects. The environmental field requires a variety of engineering specialties such as electrical, chemical, mechanical, structural, and sanitary.



Natural Resources

Many careers in natural resources directly relate to public health such as protecting air and water supplies, as well as protecting the areas where we can enjoy outdoor recreational activities. Careers in natural resources that are typically found within governmental agencies most often involve creating natural resource policies or implementing natural resource policies through enforcement. Some natural resource careers can be found within nonprofit and political action groups. Others can be found in private industries that demand large supplies of natural resources. Typically a professional in natural resources has a strong background in science including a specialty area such as air, water, or wildlife.



This pamphlet was prepared by the Wisconsin Environmental Health Association (WEHA), a non-profit organization dedicated to the promotion and enhancement of environmental health in the state of Wisconsin. Funding was provided by the National Center for Environmental Health of the Center for Disease Control and Prevention.