

Department of Environmental Sciences and Engineering
University of North Carolina at Chapel Hill
Master of Public Health (MPH)
Fall 2010

Overview:

The MPH degree, is a terminal degree intended for students with a background in health-related areas and prepares graduates for careers in practice or management in the field of public health with emphasis in environmental sciences and engineering.

Learning Objectives:

Upon satisfactory completion of a MPH degree in ESE, graduates will be able to:

- Demonstrate broad knowledge in the core fields of public health;
- Identify sources of environmental contaminants and processes that affect the movement, fate and health effects of such contaminants in environmental/human systems;
- Describe the rationale for and the approaches used to measure and model relevant properties of environmental/human systems;
- Understand the relationships among scientific knowledge, exposure and risk assessment, and environmental management and policy; and
- Demonstrate written and oral communication skills related to environmental sciences and engineering issues and place within a public health context.

The success of these learning objectives is measured by the successful completion of all degree requirements, including School core courses; departmental course work; and a comprehensive oral examination, at which time the technical report is presented and defended. Additionally, students may prepare other technical reports, present their work at seminars and at national or international meetings, and publish in peer-reviewed literature.

Degree Requirements:

The requirements for the MPH are governed by Graduate School requirements, and School of Public Health requirements. These requirements include:

- A minimum of 42 semester hours of work, which can include no more than six semester hours of transferred credit;
- A minimum of 24 hours of formal graduate-level course work, which includes at least 15 credit hours of course work from the Department;
- The School core course requirements, which include courses in Epidemiology, Biostatistics, Health Policy and Management, and Health Behavior and Health Education;
- At minimum of one course in health delivery systems;
- A minimum of three hours of ENVR 992 (Masters Technical Report), which is credit earned for the preparation and defense of a technical report,
- A minimum of one hour of ENVR 981 (Practicum in Environmental Sciences). Click [here](#) for guidelines to the practicum requirement; and
- A comprehensive oral or written examination.