School of Community and Environmental Health

3134 Health Sciences Building
757-683-4259
http://www.odu.edu/commhealth

Deanne Shuman, PhD, Chair

The School of Community and Environmental Health offers graduate and certificate programs which lead to careers in health services research, public health, community health, health care administration, environmental health, and occupational safety. The Master of Science in community health offers practicing health care professionals the opportunity to complete their degrees in a distance format with emphasis areas in environmental health, occupational safety and health, and industrial hygiene. ODU also offers a Master of Public Health degree in collaboration with Eastern Virginia Medical School.

Master of Public Health

http://www.evms.edu/mph

Deanne Shuman, PhD, Co-Director

The Master of Public Health (MPH) degree is an accredited professional degree offered jointly by Eastern Virginia Medical School and Old Dominion University. The program provides graduates with an understanding of the public health sciences and with knowledge and skills that can be utilized in health care management, population-based research and the community practice of public health.

The Program focuses upon four specialized tracks: Health Management, Epidemiology, Global Environmental Health, and Health Promotion. Students complete both didactic and experience-based courses. A community practicum exposes students to community organizations that support public health. Classes are taught during three terms each year; with this schedule, the required 43 credit hours can be completed in two years of full-time study.

Core courses are conducted at both the EVMS and ODU campuses and may be offered as distance courses with a classroom option for local students. Eastern Virginia Medical School offers the tracks in Health Management and in Epidemiology. Old Dominion University offers the tracks in Environmental Health and in Health Promotion. Students are advised by faculty members in their selected track.

The Program will benefit health professionals who are or will be working in private, government or community organizations with the following responsibilities: assessing health status or needs in populations, designing and implementing programs, managing administrative functions, conducting program evaluation and outcomes research, developing coalitions to meet community needs, marketing health services, analyzing the epidemiology of specific diseases and measuring or assuring the quality of healthcare and public health services and products.

Admission to the Program

All applications for the MPH program are made through the EVMS website with faculty from both schools participating in admission decisions. Program information and the electronic application are available at:

http://www.evms.edu/mph

If you experience technical difficulties or related problems in completing your online application, please contact:

Graduate Program in Public Health
Attention: Director of Enrollment for Health Professions
Eastern Virginia Medical School
P.O. Box 1980
Norfolk, Virginia 23507-1607
Tel: (757) 446-7153 or (757) 446-7096

Fax: (757) 446-8915

Certificate in Global Health

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>HLSC 776</td>
<td>Global Health</td>
<td>3</td>
</tr>
<tr>
<td>HLSC 778</td>
<td>Global Environmental Health</td>
<td>2</td>
</tr>
<tr>
<td>HLSC 798</td>
<td>Supervised Research (can be met with MPH 771 Capstone)</td>
<td>1-6</td>
</tr>
<tr>
<td>MPH 613</td>
<td>Principles of Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td>MPH 615</td>
<td>Public Health Administration</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total Hours</td>
<td>12-17</td>
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</tbody>
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Master of Science - Community Health

757-683-4594
https://www.odu.edu/academics/programs/masters/community-health

Anna Jeng, SCD, Graduate Program Director

The School of Community and Environmental Health offers a Master of Science in Community Health with an emphasis in environmental health. The emphasis is designed to meet the needs of students seeking graduate education in the environmental health field. The goal of the program is to provide advanced understanding of human health efforts due to interactions with chemical, biological, and physical agents in natural and man-made environments. Students may shape the emphasis area to meet their needs in general environmental health, industrial hygiene, occupational safety, or hazardous materials management.

Admission

The selection of community health students is based on several criteria. To qualify for admission, an applicant must meet the general University admission requirements at the graduate level. In addition, the School of Community and Environmental Health requires:

1. Two letters of recommendation from teachers, supervisors, and/or employers.
2. Evidence of a basic foundation of undergraduate courses in the life sciences, behavioral sciences, and social sciences with a minimum 2.80 grade point average. If it is determined that a student is deficient in one of these three general foundation areas, he or she may be required to take additional course work prior to admission or to enroll in undergraduate course work to strengthen the foundation area.
3. A satisfactory Graduate Record Examination (GRE) aptitude score.
4. Work experience or voluntary participation in a health-related agency or program will be evaluated as part of the student’s admission package. Students can be admitted who do not have work or volunteer experience, however, students without experience will be required to produce a portfolio of health related volunteer or work experiences that they have acquired during their time in the program.
5. A career-goals paper. This paper asks the applicant to discuss his or her career goals and the relationship of the community health graduate program to those goals. This paper is evaluated by the faculty of the school for the applicant’s ability to present a clear sense of professional purpose, as well as his or her ability to write a concise and grammatically acceptable paper.

Requirements

The curriculum includes a 21-credit hour core of environmental and community health courses that constitutes the foundation of the program complemented by a minimum of six credit hours of practicum experience or six hours of thesis research.

Core Courses

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENVH 600</td>
<td>Principles of Environmental Health Science and Protection</td>
<td>3</td>
</tr>
<tr>
<td>CHP 640</td>
<td>Statistical Reasoning for the Health Professions</td>
<td>3</td>
</tr>
<tr>
<td>ENVH 603</td>
<td>Environmental Epidemiology</td>
<td>3</td>
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Old Dominion University 1
Comprehensive Examinations

All candidates for the Master of Science in community health must pass a written and oral comprehensive examination covering the course work in the program of study. Comprehensive examinations are administered once a semester during the fall and spring sessions.

Thesis or Practicum Option. Students must complete a six credit practicum (CHP 669) or a six credit thesis (CHP 698).

Environmental Health Concentration

This concentration has specific prerequisite courses at the undergraduate level that must be met. Also, admission to the program is at the discretion of the faculty. In addition to the core course requirements, there are specific course requirements for each emphasis area.

Prerequisite Courses.

General Biology 8
General Chemistry 8
One of the following: 8
Introduction to Physics (with a lab)
Ocean, Earth, and Atmospheric Sciences

One of the following: 3
General College Mathematics
Statistics

Total Hours 27

Emphasis Area Requirements

15 to 16 credit hours from the following courses or their equivalents must be taken in one of the following options in order to be eligible for the degree.

General Environmental Health:

ENVH 520 Communicable Diseases and Their Control 3
ENVH 521 Food Safety 3
ENVH 522 Water and Wastewater Technology 3
ENVH 523 Vector Control 3
ENVH 524 Residential and Institutional Environments 3
ENVH 545 Air Pollution and Its Control 3
CHP 600 Principles of Community Health 3
ENVH 598 Independent Study in Environmental Health 1-3
ENVH 595 Topics in Environmental Health 1-3
ENVH 570 Industrial Environmental Management 3

Industrial Hygiene:

ENVH 526 Physical Hazards and Their Control 3
ENVH 540 Principles of Ergonomics 3
ENVH 541 Industrial Hygiene 3
ENVH 542 Sampling and Analysis Laboratory 2
ENVH 545 Air Pollution and Its Control 3
ENVH 546 Physical Hazards Laboratory 2
ENVH 570 Industrial Environmental Management 3
ENVH 822 Control of Hazards in the Workplace 3

Hazardous Materials Management:

ENVH 545 Air Pollution and Its Control 3
ENVH 546 Physical Hazards Laboratory 2

Certificate in Occupational Safety

Anna Jeng, Coordinator, hjeng@odu.edu

The certificate program in occupational safety is designed to prepare students to meet safety standards and guidelines in such areas as business, education and industry with the goal of managing operations to minimize financial losses resulting from accidents, health claims, legal actions, and property damage. It is especially attractive to students in majors such as engineering, occupational and technical studies, and business who may reasonably anticipate assignment of safety as an additional duty, or to individuals already employed in the occupational health and safety field.

Course taken for the Certificate may also be used to qualify for safety positions, enhance the qualifications of Certified Safety Professional (CSP) and Certified Industrial Hygienist (CIH) candidates, and provide maintenance points for professionals holding the CSP or CIH certifications. Courses in the certificate program may be taken through degree or non-degree programs, and may be applied to degree requirements at the graduate level in environmental health. For completion of the graduate certificate program students must have a minimum cumulative grade point average of 3.00 in all courses taken toward the certificate. After successful completion of the program, a Certificate in Occupational Safety will be awarded.

A total of 15-16 semester hours is required, comprised of three core courses and six to seven hours of electives. All course, with the exception of the lab course, are provided as distance learning, either as televised or web-based courses. There are no prerequisites.

Core courses include:

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<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENVH 506</td>
<td>Principles of Occupational Safety and Health</td>
</tr>
<tr>
<td>ENVH 525</td>
<td>Occupational Safety and Health Program Management</td>
</tr>
<tr>
<td>ENVH 507</td>
<td>Occupational Safety Standards, Laws and Regulations</td>
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Select two of the following electives: 6-7

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENVH 501</td>
<td>Occupational Health</td>
</tr>
<tr>
<td>ENVH 526</td>
<td>Physical Hazards and Their Control</td>
</tr>
<tr>
<td>ENVH 540</td>
<td>Principles of Ergonomics</td>
</tr>
<tr>
<td>ENVH 541</td>
<td>Industrial Hygiene</td>
</tr>
<tr>
<td>ENVH 542</td>
<td>Sampling and Analysis Laboratory</td>
</tr>
<tr>
<td>ENVH 546</td>
<td>Physical Hazards Laboratory</td>
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</tbody>
</table>

Total Hours 15-16
Linked Program – Bachelor of Science in Environmental Health (B.S.E.H.) to Master of Science in Community Health

Linked Program – Bachelor of Science in Environmental Health (B.S.E.H.) to Master of Public Health (MPH)

Bachelor of Science in Environmental Health (B.S.E.H.) students who have a 3.00 GPA and have senior standing may apply for acceptance into the Bachelor of Science in Environmental Health to M.S. in Community Health linked program or to a Master of Public Health (MPH) linked program. These programs allow gifted undergraduate B.S.E.H. students the opportunity to take up to 12 semester hours of graduate course work and apply them to both degrees. Other restrictions apply. Students interested in this program should contact the B.S.E.H. program director James English at 757-683-6010 for more information.