School of Community and Environmental Health

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

Deanne Shuman, PhD, Interim Chair

The School of Community and Environmental Health offers graduate and certificate programs, including the Master of Public Health (MPH) degree, which prepares students for leadership and management roles in the public health sector. The program is accredited by the Council on Education for Public Health (CEPH). The School is located at Old Dominion University (ODU), an independent institution and the Eastern Virginia Medical School (EVMS), established as a private institution in 1836. The EVMS has been an independent college in 1962 and as a university in 1969. Eastern Virginia Medical School is an academic institution dedicated to medical and health education, biomedical research, and the enhancement of healthcare in eastern Virginia. EVMS and ODU have a long history of collaboration that includes several joint degree programs. Classes are held on weekday afternoons or evenings and/or on Saturdays on the EVMS and ODU campuses in Norfolk, Virginia. Courses are taught by faculty from both institutions.

MPH core courses are offered at both the EVMS and ODU campuses, and may be offered as distance courses with a classroom option for local students. The Environmental Health and Health Promotion track courses are offered at the ODU campus as distance learning courses. Health Management and Epidemiology track courses are held at EVMS.

Students in the Environmental Health or Health Promotion tracks are advised by the MPH faculty at ODU. Students in the Health Management and Epidemiology tracks are advised by MPH faculty at EVMS.

Curriculum

The educational program includes 42 total credit hours. Core courses consist of 18 credit hours in Principles of Epidemiology, Health Education & Behavioral Science, Ethics in Public Health Practice, Introduction to Biostatistics, Health Administration and Organization and Environmental Health.

In addition to the core courses, students concentrate on courses in Epidemiology, Health Management, Environmental Health, or Health Promotion for an additional 9-12 credit hours. The remaining credit hours are earned through Selectives or Electives, a Community Practicum, and a Capstone culminating experience. For more detailed information on the Joint ODU/EVMS Master of Public Health Program visit:

http://www.evms.edu/education/masters_programs/graduate_program_in_public_health/

Admission to the Program

Application to the Program

All applications for the MPH program are made through EVMS. ODU participates in the decision process for candidates for the environmental health and health promotion tracks. Admission requirements may be found at: https://secure.visualzen.com/vzcollegeapp/evms/default.aspx.

To start an application go to the web site at https://secure.visualzen.com/vzcollegeapp/evms/default.aspx.

Application Procedure

Complete the online application, including personal statement and $60 application fee payable to EVMS;

Using the online application system, submit three letters of recommendation;

Submit official transcripts from all colleges and universities attended, from the registrar at those institutions;

Submit a Graduate Record Examination (GRE) score, taken within the last five (5) years, sent directly from the Educational Testing Service;

The EVMS Admissions Committee may request a personal interview to complement the information contained in the application materials. Potential applicants are encouraged to ask questions about the program through e-mail, telephone calls, or scheduling an appointment with the Program Director.

Application materials are considered on a rolling basis, starting September 1 (one year before desired matriculation) and are considered until all positions are filled.

Those U.S. students seeking financial assistance are advised to submit their applications as early as possible. Students may begin studies only in the fall term of each year.

Official transcripts should be mailed to the EVMS Director of Enrollment for Health Professions at the address shown below. 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

Old Dominion University
Prerequisite Courses:

For the Environmental Health track, students must have 8 credit hours each of biology, chemistry, and either physics (with a lab) or a geological science, and one course in either general college mathematics or statistics at the undergraduate level or graduate level.

For the Health Promotion, Health Management, and Epidemiology tracks there are no specific prerequisite courses.

For additional information about the MPH in the Environmental Health or the Health Promotion track, please contact the Track Coordinator at 757-683-4259.

Tuition

Tuition costs for Master of Public Health (MPH) students are based upon the number of credit hours taken per semester. Tuition is paid to EVMS for all courses, including ODU track courses. Tuition is due at the beginning of each term of your enrollment. Additional costs to the student budget are fees, books, room/board and transportation. All fees are due at the beginning of the first term of each year.

The MPH student budget is available online at http://www.evms.edu/education/masters_programs/graduate_program_in_public_health/tuition_fees/. Tuition and fees are subject to change. Federal financial aid is not available to international students.

Students must show proof of major medical insurance coverage. Students who are eligible for coverage under the policy of a parent or spouse are urged to remain so. As an alternative, EVMS offers a student health insurance plan for an estimated $2,657 per year.

Non-Matriculated Students:

Students who are not seeking the Master of Public Health degree may, on a space-available basis, take up to three courses (9 credit hours) offered by the Program. If the student is later admitted to the MPH Program, the credit hours may be applied to the degree and the total tuition for the MPH degree adjusted to reflect the amount the student has already paid as a non-matriculate student. To apply as a non-matriculate student please complete the online application by clicking the link to Apply Online at http://www.evms.edu/education/masters_programs/graduate_program_in_public_health/admission_requirements/.

Curriculum

MPH Program Requirements

This is a 42 hour curriculum including a public health related capstone project that demonstrates the knowledge and the skill set to assume increasingly responsible positions in the public health sector are required to earn the MPH in any of the specialty tracks. Information on the ODU Environmental Health and Health Promotion track courses or the EVMS Epidemiology and Health Management tracks, can be found at http://www.evms.edu/education/masters_programs/graduate_program_in_public_health/abo

Master of Science - Community Health

757-683-4594
http://hs.odu.edu/commhealth/academics/ms_commhealth/

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 24-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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHP 600</td>
<td>Principles of Community Health</td>
<td>3</td>
</tr>
<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>
</tr>
<tr>
<td>CHP 601</td>
<td>Research Design and Evaluation in the Health Professions</td>
<td>3</td>
</tr>
<tr>
<td>ENVH 602</td>
<td>Environmental Health Law and Policy</td>
<td>3</td>
</tr>
<tr>
<td>ENVH 643</td>
<td>Principles of Toxicology</td>
<td>3</td>
</tr>
<tr>
<td>ENVH 566</td>
<td>Environmental Risk Assessment and Decision Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 24

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 Area

This emphasis 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 concentration 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

Concentration Area Requirements
12 to 13 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

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
- ENVH 561 Hazardous Waste Management 3
- ENVH 565 Hazardous Materials Management 3
- ENVH 722 Control of Hazards in the Workplace 3

Occupational Safety:
- ENVH 501 Occupational Health 3
- ENVH 506 Principles of Occupational Safety and Health 3
- ENVH 507 Occupational Safety Standards, Laws and Regulations 3
- ENVH 525 Occupational Safety and Health Program Management 3
- ENVH 526 Physical Hazards and Their Control 3
- ENVH 570 Industrial Environmental Management 3

Certificate in Occupational Safety
Jim English, Coordinator, jenglish@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:

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVH 506 Principles of Occupational Safety and Health</td>
<td>3</td>
</tr>
<tr>
<td>ENVH 525 Occupational Safety and Health Program Management</td>
<td>3</td>
</tr>
<tr>
<td>ENVH 507 Occupational Safety Standards, Laws and Regulations</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two of the following electives: 6-7
- ENVH 501 Occupational Health
- ENVH 526 Physical Hazards and Their Control
- ENVH 540 Principles of Ergonomics
- ENVH 541 Industrial Hygiene
- ENVH 542 Sampling and Analysis Laboratory
- ENVH 546 Physical Hazards Laboratory

Total Hours 18-19

Accelerated Program – Bachelor of Science in Environmental Health (B.S.E.H.) to Master of Science in Community Health

Accelerated 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 accelerated program or to a Master of Public Health (MPH). This program allows 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.