Master of Public Health Program

Director

- Tanya M. Uden-Holman

Graduate degree: M.P.H.
Web site: http://www.public-health.uiowa.edu/mph/

The Master of Public Health is recognized as the primary professional degree in public health. The objective of Iowa's M.P.H. program is to provide education and practical training in public health to students who will be leaders in their respective communities. The program is appropriate for individuals who already have professional experience and/or training in public health as well as for those whose expertise lies outside of public health.

The Master of Public Health program is offered by the College of Public Health; the degree is awarded by the Graduate College.

Graduate Program of Study

- Master of Public Health

Students may earn the M.P.H. as a single degree, or they may pursue one of several joint degree programs. The College of Public Health offers joint M.P.H./professional degree programs with the Carver College of Medicine and the Colleges of Law and Pharmacy. It also offers two programs in collaboration with the College of Veterinary Science at Iowa State University. See "M.P.H. for Practicing Veterinarians" and descriptions of the joint degree programs later in this section.

In addition, the college collaborates with the College of Liberal Arts and Sciences to offer joint B.A. or B.S./M.P.H. programs for undergraduate students majoring in biology, psychology, or statistics; see "Joint B.A. or B.S./M.P.H. Degrees" below.

Master of Public Health

The Master of Public Health requires 42-45 s.h. of graduate credit, depending on the student's choice of specialization. Students must choose one of seven subprograms: community and behavioral health, epidemiology, ergonomics, health communication, occupational and environmental health, policy, or quantitative methods.

Degree requirements include a core course in public health practice and in each of the five core disciplines of public health (epidemiology, biostatistics, environmental health, health policy and management, and social and behavioral sciences); a practicum; a set of content-specific required courses; and a set of content-specific electives. Students in the epidemiology subprogram and the occupational and environmental health subprogram also must complete a bioscience course. A final written report with oral presentation or a poster presentation related to the practicum constitutes the final examination.

All M.P.H. students complete the course work listed under "Common Requirements." In addition, each student completes the course work listed for his or her chosen subprogram.

Common Requirements

The following course work is required for all M.P.H. students. Students must earn a B-minus or higher in each core course. Students may repeat courses to achieve this standard.

CORE COURSES

All of these (18 s.h.):

- MPH:4101 Introduction to Public Health 3 s.h.
- BIOS:5110 Introduction to Biostatistics 3 s.h.
- (biostatistics subtrack students may substitute BIOS:5710 for 4 s.h.)
- CBH:4105 Introduction to Health Promotion and Disease Prevention 3 s.h.
- EPID:4400 Epidemiology I: Principles 3 s.h.
- HMP:4000 Introduction to the U.S. Health Care System 3 s.h.
- OEH:4240 Global Environmental Health 3 s.h.

PRACTICUM

The practicum is a fieldwork experience in which students show proficiency in applying academic principles in community settings. There are many practicum opportunities for M.P.H. students locally, nationally, and internationally. The practicum is the capstone of the M.P.H. program.

Before they register for and begin the practicum, students must choose an approved topic and must complete most of their M.P.H. course work, including all of the six M.P.H. core courses. A final written report with an oral presentation or a poster presentation is required. The practicum constitutes the final examination for the M.P.H. degree.

- MPH:7000 M.P.H. Practicum Experience 3 s.h.

Community and Behavioral Health Subprogram

The Master of Public Health with community and behavioral health subprogram requires 42 s.h. of graduate credit. The subprogram is offered by the Department of Community and Behavioral Health (College of Public Health).

The subprogram prepares public health practitioners for a variety of positions related to community development, health program implementation, and health education. Students learn how to design, implement, and evaluate evidence-based interventions directed toward identified public health problems in populations.

A bachelor's degree in the social and behavioral sciences is good preparation for this program, but students come from a variety of educational backgrounds. Preference is given to applicants who have professional experience.

In addition to the M.P.H. course work listed under "Common Requirements" above, the community and behavioral health subprogram requires the following courses.

SUBPROGRAM CORE

Students earn 12 s.h. in the required subprogram core.

Theory—this course:
CBH:5220 Health Behavior and Health Education 3 s.h.

Community and society—one of these:
CBH:5205 Social Determinants of Health 3 s.h.
CBH:5235 Community-Based Participatory Research 3 s.h.

Intervention—one of these:
CBH:6205 Designing and Implementing Interventions 3 s.h.
CBH:6220 Health Communication Campaigns 3 s.h.

Methods—one of these:
CBH:5305 Evaluation I: Approaches and Applications 3 s.h.
CBH:5310 Qualitative Research for Public Health 3 s.h.
CBH:5420 Communicating with the Community 3 s.h.
CBH:6335 Research Methods in Community and Behavioral Health 3 s.h.

**ELECTIVES**

At least 9 s.h. chosen from these:
ANTH:6141 Medical Anthropology and Social Theory 3 s.h.
CBH:3150 Media and Health 3 s.h.
CBH:5140 The Anthropology of Women's Health 3 s.h.
CBH:5215 Community Preventive Programs and Services 3 s.h.
CBH:5230 Public Health Issues in Overweight Management 3 s.h.
CBH:5435 Substance Abuse Prevention and Early Intervention 3 s.h.
CBH:5440 Prevention and Early Intervention of Mental Health Disorders 3 s.h.
CBH:6115/ANTH:6115 Ethnographic Field Methods 3 s.h.

**Epidemiology Subprogram**

The Master of Public Health with epidemiology subprogram requires 42 s.h. of graduate credit. The subprogram is offered by the Department of Epidemiology (College of Public Health).

The subprogram focuses on fundamental epidemiological concepts and methods and provides training in the use of public health data and methods for disease assessment and in methods for evaluating the need and outcome of programs and interventions. Graduates of the program work in public health departments and other health care settings.

Epidemiology subprogram students are required to attend departmental seminars and journal club. They also must present one scientific poster at an international, national, regional, state, university, or departmental poster session.

In addition to the M.P.H. course work listed under "Common Requirements" above, the epidemiology subprogram requires the following courses.

**SUBPROGRAM CORE**

All of these (11 s.h.):
BIOS:5120 Design and Analysis of Biomedical Studies 3 s.h.
EPID:5580 Public Health Laboratory Techniques 1 s.h.
EPID:5600 Introduction to Epidemiology Data Management and Analysis 3 s.h.
EPID:6400 Epidemiology II: Advanced Methods 4 s.h.

One of these (2-3 s.h.):
EPID:4450 Public Health Data 2 s.h.
EPID:4990 Practicing Evidence-Based Public Health 3 s.h.

One of these (2 s.h.):
EPID:5530 Surveillance Internship: IRCID 2 s.h.
EPID:5540 Surveillance Mechanisms and Applications: Cancer and Other Registries 2 s.h.

Bioscience—one of these (3-4 s.h.):
PATH:5270 Pathogenesis of Major Human Diseases 3 s.h.
PATH:8133 Introduction to Human Pathology for Graduate Students 4 s.h.

Students who already have completed a course equivalent to one of these bioscience courses may substitute an additional elective.

**ELECTIVES**

Students earn at least 2 s.h. in elective courses (or 5 s.h. if they substitute an elective for the bioscience requirement). At least 3 s.h. of elective credit must be earned in courses offered by the Department of Epidemiology (prefix EPID) or in one of the following biostatistics courses.

BIOS:6110 Applied Categorical Data Analysis 3 s.h.
BIOS:6210 Applied Survival Analysis 3 s.h.

**Health Communication Subprogram**

The Master of Public Health with health communication subprogram requires 42 s.h. of graduate credit. The subprogram is offered by the Department of Community and Behavioral Health (College of Public Health).

The subprogram provides opportunities for students to develop knowledge and skill in designing, evaluating, and implementing effective communication strategies and messages that speak to the health needs of diverse audiences. The program addresses clinician-patient interaction, family communication, group and organizational communication, and mass media and web-based campaigns.
In addition to the M.P.H. course work listed under "Common Requirements" above, the health communication subprogram requires the following courses.

**SUBPROGRAM CORE: HEALTH COMMUNICATION**

Four of these (12 s.h.):

- CBH:3150/JMC:3150 Media and Health 3 s.h.
- CBH:6210/COMM:6210 Health Communication 3 s.h.
- CBH:6215 Persuasion and Health Campaigns 3 s.h.
- COMM:6371 Communication Theory 3 s.h.

**SUBPROGRAM CORE: COMMUNITY AND BEHAVIORAL HEALTH**

Three of these (9 s.h.):

- CBH:5205 Social Determinants of Health 3 s.h.
- CBH:5220 Health Behavior and Health Education 3 s.h.
- CBH:5305 Evaluation I: Approaches and Applications 3 s.h.
- CBH:5310 Qualitative Research for Public Health 3 s.h.
- CBH:6115/ANTH:6115 Ethnographic Field Methods 3 s.h.
- CBH:6205 Designing and Implementing Interventions 3 s.h.
- GEOG:3505 Foundations of GIS 3 s.h.

**Occupational and Environmental Health Subprogram**

The Master of Public Health with occupational and environmental health subprogram requires 42 s.h. of graduate credit. The subprogram is offered by the Department of Occupational and Environmental Health (College of Public Health).

The subprogram provides students with a broad perspective on public health and career preparation for a variety of professional positions in occupational and environmental health. Public health experience provides desirable background for this subprogram.

In addition to the M.P.H. course work listed under "Common Requirements" above, the occupational and environmental health subprogram requires the following courses.

**SUBPROGRAM CORE**

Students earn 13 s.h. in the required subprogram core. All of these (4 s.h.):

- OEH:5010 Occupational and Environmental Health Seminar 0-1 s.h.
- OEH:5620 Occupational Health 3 s.h.

Students take OEH:5010 three times: twice for 0 s.h. and once for 1 s.h. If completing the M.P.H. in a one-year course of study, OEH:5010 is taken two times: once for 0 s.h. and once for 1 s.h.

Three of these (9 s.h.):

- OEH:4210 International Health 3 s.h.
- OEH:4510 Injury and Violence Prevention 3 s.h.
- OEH:5410 Occupational Safety 3 s.h.
- OEH:5710 Environmental Toxicology 3 s.h.
- OEH:6110 Rural Health and Agricultural Medicine 3 s.h.
- OEH:6510 Environmental and Occupational Epidemiology 3 s.h.

**ELECTIVES**

Students can earn the remainder of credit for their degree in elective courses (8 s.h.) offered by a department in the College of Public Health. Courses offered by departments in other colleges at the University of Iowa can be applied toward a degree with approval of a student's advisor.

Faculty expertise in areas related to occupational and environmental health can assist students in their endeavors. Sample plans that outline how elective courses can be combined with required courses in a focused plan of study are as follows.

**Environmental and Occupational Epidemiology**

- EPID:6400 Epidemiology II: Advanced Methods (elective) 4 s.h.
- OEH:4260 Global Water and Health (elective) 3 s.h.
- OEH:5530 Interpreting Occupational and Environmental Health Research (elective) 2 s.h.
- OEH:6510 Environmental and Occupational Epidemiology (required course) 3 s.h.
- OEH:6520 Injury Epidemiology (elective) 3 s.h.

**Global Environmental Health**

- OEH:4210 International Health (required course) 3 s.h.
- OEH:4220 U.S. and Global Environmental Health Policy (elective) 3 s.h.
- OEH:4260 Global Water and Health (elective) 3 s.h.
- OEH:5710 Environmental Toxicology (elective) 3 s.h.

**Injury and Violence Prevention**

- OEH:4510 Injury and Violence Prevention (required course) 3 s.h.
- OEH:4530 Global Road Safety (elective) 2 s.h.
- OEH:6520 Injury Epidemiology (elective) 3 s.h.
- OEH:6530 Epidemiology of Occupational Injuries (elective) 3-4 s.h.

**Occupational Health**

- OEH:4310 Occupational Ergonomics I (elective) 2-3 s.h.
- OEH:5410 Occupational Safety (required course) 3 s.h.
- OEH:6420 Industrial Hygiene Fundamentals (elective) 3 s.h.
- OEH:6430 Assessing Physical Agent Hazards (elective) 3 s.h.

**Rural Health and Safety**

- OEH:5410 Occupational Safety (elective) 3 s.h.
- OEH:6110 Rural Health and Agricultural Medicine (required course) 3 s.h.
OEH:6120 Current Topics in Agriculture and Rural Health (elective) 0-1 s.h.
OEH:6420 Industrial Hygiene Fundamentals (elective) 3 s.h.
OEH:6520 Injury Epidemiology (elective) 3 s.h.

Policy Subprogram
The Master of Public Health with policy subprogram requires 45 s.h. of graduate credit. The subprogram is offered by the Department of Health Management and Policy (College of Public Health).

The subprogram offers course work and applied learning experiences that prepare students for careers in health policy analysis, system and organizational planning, and program evaluation. Graduates of the program find positions in federal, state, and local government; professional associations; and private agencies. Varied academic backgrounds are appropriate preparation for this program, including business, liberal arts and sciences, and the health professions.

In addition to the M.P.H. course work listed under "Common Requirements" above, the policy and administration subprogram requires the following courses.

**SUBPROGRAM CORE**
All of these:

- HMP:5610 Health Policy 3 s.h.
- HMP:5611 Contemporary Issues in Health Policy 0-1 s.h.
- HMP:5650 Health Policy Analysis 3 s.h.
- HMP:6610 Legal Aspects of Health and Medical Care 3 s.h.
- HMP:6750 Seminar in Health Policy 3 s.h.

**ELECTIVES**
At least 12 s.h. chosen from these:

- HMP:5310 Quantitative Management in Health Care 2-3 s.h.
- HMP:5410 Health Economics I 3 s.h.
- HMP:5450 Health Insurance and Managed Care 3 s.h.
- HMP:5750 Medicare and Medicaid Policy 3 s.h.
- HMP:6710 Federalism and Health Policy 3 s.h.
- LAW:8562 Health Law 3 s.h.
- POLI:3100 American State Politics 3 s.h.
- URP:6337 Poverty, Planning, and Public Policy 3 s.h.

Quantitative Methods Subprogram
The Master of Public Health with quantitative methods subprogram requires 42 s.h. of graduate credit. The subprogram is offered by the Department of Biostatistics (College of Public Health).

The subprogram is designed to train public health professionals who can provide leadership in the analysis of public health data and the design of studies for public health investigations. It is intended for individuals who are interested in public health and who have quantitative ability but not advanced mathematics training.

Applicants to the subprogram must meet all M.P.H. admission requirements; see "Admission" toward the end of this Catalog section. They also should have a cumulative g.p.a. of at least 3.00 and should have completed the following math and computer science course work: single variable calculus and matrix algebra, satisfied by one semester of calculus equivalent to AP Calculus AB and a high school algebra course involving matrices; and elementary computer programming instruction in any commonly used modern programming language (e.g., Python, Java, C++). Individuals who are admitted to the subprogram without having met all of these requirements must satisfy unmet requirements during their first semester of enrollment in the program.

In addition to the M.P.H. course work listed under "Common Requirements" above, the quantitative methods subprogram requires the following courses.

**SUBPROGRAM CORE**
All of these (12 s.h.):

- BIOS:5120 Design and Analysis of Biomedical Studies 3 s.h.
- BIOS:5310 Research Data Management 3 s.h.
- BIOS:5510 Biostatistical Computing 3 s.h.
- BIOS:6110 Applied Categorical Data Analysis 3 s.h.

**ELECTIVES**
At least 9 s.h. chosen from these:

- BIOL:4213 Bioinformatics 4 s.h.
- BIOS:6210 Applied Survival Analysis 3 s.h.
- BIOS:6310 Introductory Longitudinal Data Analysis 3 s.h.
- BIOS:6610 Statistical Methods in Clinical Trials 3 s.h.
- BIOS:7600 Advanced Biostatistics Seminar 0-3 s.h.
- MICR:2157 General Microbiology 5 s.h.
- MICR:3147 Survey of Immunology 3 s.h.
- STAT:3100 Introduction to Mathematical Statistics I 3 s.h.
- STAT:3101 Introduction to Mathematical Statistics II 3 s.h.
- STAT:3210 Experimental Design and Analysis 3 s.h.
- STAT:4100 Mathematical Statistics I 3 s.h.
- STAT:4101 Mathematical Statistics II 3 s.h.
- STAT:4200 Statistical Methods and Computing 3 s.h.
- STAT:4520 Bayesian Statistics 3 s.h.
- STAT:5100 Statistical Inference I 3 s.h.
- STAT:5101 Statistical Inference II 3 s.h.
- STAT:6540 Applied Multivariate Analysis 3 s.h.
- STAT:6560 Applied Time Series Analysis 3 s.h.

Joint B.A. or B.S./M.P.H. Degrees
The College of Public Health collaborates with the College of Liberal Arts and Sciences to offer joint bachelor's degree/Master of Public Health programs for undergraduate students majoring in biology, psychology, or statistics who would like to earn an M.P.H. degree. The joint programs permit students to count a limited amount of credit toward the requirements of both degrees, enabling them to begin the study of public health before they complete the bachelor's degree. Each joint program pairs an undergraduate major with a specific M.P.H. subprogram, as follows.

Joint B.A. in biology/M.P.H. with epidemiology subprogram; see Biology (College of Liberal Arts and
M.P.H. for Practicing Veterinarians

The Master of Public Health for practicing veterinarians requires a minimum of 42 s.h. of graduate credit. The program is presented through a collaboration between the University of Iowa College of Public Health and the College of Veterinary Medicine at Iowa State University and is offered primarily by distance learning. It enables students to prepare for new career opportunities and equips them to respond to public health challenges such as zoonotic diseases, food security and foodborne illnesses, bioterrorism, and environmental health.

Students participate in two summer institutes, one on each campus during consecutive summers (two weeks in May and June); the rest of the program is internet-based, so students may complete requirements at times that fit their schedules. Specific courses are required each semester of the program.

The M.P.H. for practicing veterinarians requires the following course work.

M.P.H. COMMON REQUIREMENTS

Students must complete courses listed under "Common Requirements" (core courses and practicum) for the Master of Public Health; see the beginning of this Catalog section.

ADDITIONAL REQUIRED COURSES

All of these (21 s.h.):

- MPH:6700 Public Health Emergency Preparedness for Veterinarians and Other Public Health Disciplines 2 s.h.
- EPID:5200 Principles of Public Health Informatics 3 s.h.
- EPID:5300 Food Safety 3 s.h.
- EPID:5320 Exotic and Emerging Diseases of Animals 1 s.h.
- EPID:5470 Applied Veterinary Epidemiology/Biostatistics 3 s.h.
- EPID:5550 Diagnostic Microbiology for Epidemiology 3 s.h.
- EPID:5570 Zoonotic Diseases 3 s.h.
- OEH:6110 Rural Health and Agricultural Medicine 3 s.h.

Joint M.P.H./D.V.M.

The joint Master of Public Health/Doctor of Veterinary Medicine is offered by the University of Iowa College of Public Health and the College of Veterinary Medicine at Iowa State University. It requires a minimum of 42 s.h. in addition to the requirements of the D.V.M. degree (see College of Veterinary Medicine in the Iowa State University catalog). The program prepares students for work as state veterinarians, as college and university faculty members, in local and state departments of public health, in the Public Health Service Commissioned Corps, in state agricultural departments, and for public health positions in the military.

Separate application to each degree program is required; applicants must be admitted to both programs before they may be admitted to the joint degree program. For M.P.H. admission requirements, see "Admission" later in this section.

The joint M.P.H./D.V.M. requires the following course work.

M.P.H. COMMON REQUIREMENTS

Students must complete courses listed under "Common Requirements" (core courses and practicum) for the Master of Public Health; see the beginning of this Catalog section.

M.P.H. ELECTIVES

Students must earn at least 9 s.h. from the following courses.

- EPID:5300 Food Safety 3 s.h.
- EPID:5470 Applied Veterinary Epidemiology/Biostatistics 3 s.h.
- EPID:5550 Diagnostic Microbiology for Epidemiology (offered by distance education) 3 s.h.
- EPID:5570 Zoonotic Diseases 3 s.h.
- EPID:6550 Epidemiology of Infectious Diseases (offered by distance education) 3 s.h.
- OEH:4510 Injury and Violence Prevention (offered by distance education) 3 s.h.
- OEH:6110 Rural Health and Agricultural Medicine 3 s.h.

REQUIRED D.V.M. COURSES

All of these (Iowa State University courses):

- Public Health and the Role of the Veterinary Profession (VMMP 388) 3 s.h.
- Small Animal Internal Medicine (VCS 436) 2 s.h.
- Infectious Diseases and Preventive Medicine (VMMP 437) 3 s.h.
- Pharmacology and Therapeutics (BMS 443) 3 s.h.
- Case Studies IV (VMMP 378) 1 s.h.

Joint M.P.H./J.D.

The joint Master of Public Health/Juris Doctor requires a minimum of 42 s.h. of graduate credit in addition to the requirements of the J.D. degree. The program helps students develop special expertise in public health legal issues. It is designed to train qualified students for leadership roles in both the public and private sectors.

Separate application to each degree program is required; applicants must be admitted to both programs before they may be admitted to the joint degree program.
The joint M.P.H./J.D. requires the following course work.

**M.P.H. COMMON REQUIREMENTS**

Students must complete courses listed under "Common Requirements" (core courses and practicum) for the Master of Public Health; see the beginning of this Catalog section.

**M.P.H. ELECTIVES**

Students earn 9 s.h. in elective courses chosen from one of the following public health areas: biostatistics, community and behavioral health, epidemiology, health communication, health policy, occupational and environmental health. Students choose electives in consultation with their advisors in the Carver College of Medicine and the College of Public Health.

**M.D. REQUIREMENTS**

Students in the joint M.P.H./M.D. program must complete the curriculum of the M.D. program; see Doctor of Medicine (Carver College of Medicine) in the Catalog.

**COURSES THAT COUNT TOWARD BOTH DEGREES**

Students may count up to 12 s.h. earned in the following M.D. courses toward the M.P.H. degree.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MED:8301</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>MED:8302</td>
<td>3-4 s.h.</td>
</tr>
<tr>
<td>MED:8213</td>
<td>2 s.h.</td>
</tr>
<tr>
<td>MED:8301 Community-Based Primary Care</td>
<td>1-3 s.h.</td>
</tr>
</tbody>
</table>

**Joint M.P.H./Pharm.D.**

The joint Master of Public Health/Doctor of Pharmacy requires 42 s.h. of graduate credit in addition to the requirements of the Pharm.D. degree. The program helps students develop expertise in public health related to pharmacotherapy, health promotion, disease prevention, and medication safety.

Graduates of the program may work in areas of interest common to pharmacy and public health, such as spread and treatment of disease, community health, and immunology; bioterrorism, terrorism, and preparedness; genetics; insurance; managed care; family and juvenile health; and protection of special populations. Employment opportunities are available in hospitals and clinics and with health care providers; private practice; insurance and managed care organizations; local, county, state, and federal government; public health governmental agencies; and colleges and universities.

Separate application to each degree program is required; applicants must be admitted to both programs before they may be admitted to the joint degree program.

The joint M.P.H./Pharm.D. requires the following course work.

**M.P.H. COMMON REQUIREMENTS**

Students must complete courses listed under "Common Requirements" (core courses and practicum) for the Master of Public Health; see the beginning of this Catalog section.

**M.P.H. ELECTIVES**

Students select electives totaling 9 s.h. from one of the following public health areas: biostatistics, community and behavioral health, epidemiology, health communication, health policy, or occupational and environmental health. Electives are chosen in consultation with the student’s advisors in the Colleges of Pharmacy and Public Health.
PHARM.D. REQUIREMENTS
Students in the joint M.P.H./Pharm.D. program must complete the curriculum of the Pharm.D. program; see the College of Pharmacy section of the Catalog. Students must be enrolled in the College of Pharmacy in order to take College of Pharmacy courses.

COURSES THAT COUNT TOWARD BOTH DEGREES
Students may count up to 12 s.h. earned in the following Pharm.D. courses toward the M.P.H. degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>PHAR:8105 Social Aspects of Pharmacy Care</td>
<td>2 s.h.</td>
</tr>
<tr>
<td>PHAR:8204 Pharmacy Practice Lab IV</td>
<td>2 s.h.</td>
</tr>
<tr>
<td>PHAR:8241 Endocrinology, Ophthalmology,</td>
<td>2 s.h.</td>
</tr>
<tr>
<td>Women's and Men's Health Therapeutics</td>
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<tr>
<td>PHAR:8243 Cardiovascular Therapeutics</td>
<td>2 s.h.</td>
</tr>
<tr>
<td>PHAR:8308 Pharmaceutical Economics and</td>
<td>3 s.h.</td>
</tr>
<tr>
<td>Insurance</td>
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<tr>
<td>PHAR:8343 Infectious Disease Therapeutics</td>
<td>2 s.h.</td>
</tr>
</tbody>
</table>

Admission
Applicants to the M.P.H. program must apply through the Schools of Public Health Application Service (SOPHAS); they also must apply for admission to the Graduate College through the University of Iowa Office of Admissions. Applicants must submit scores on the Graduate Record Exam (GRE) General Test, LSAT, DAT, VCAT, GMAT, or another professional placement exam; scores must be at or above the median scores for test takers applying to similar programs. For detailed application information, visit Prospective Students on the Master of Public Health web site.

Applicants to the M.P.H. program must have successfully completed one semester each of college algebra and biology.

Applicants whose first language is not English and who do not hold a bachelor’s degree from an accredited institution in the United States, the United Kingdom, Canada (except Quebec), Australia, or New Zealand must score at least 100 (Internet-based) on the Test of English as a Foreign Language (TOEFL). Applicants who score 81-99 (Internet-based) are required to take English fluency courses. Applicants who score below 81 are not considered for admission.

Applicants must meet the admission requirements of the Graduate College; see the Manual of Rules and Regulations of the Graduate College.

Students may enter the M.P.H. program in fall and summer. Application deadline for fall entrance to the M.P.H. program is April 15; application deadline for summer entrance is April 1.

Application deadline for the M.P.H. for practicing veterinarians is March 1.

Students may enter the M.P.H. joint programs in fall, spring, and summer. Contact the individual joint programs for deadline information.

Financial Support
A limited number of modest tuition awards are available each year for M.P.H. students. For information on financing education through jobs, grants, and loans, contact the University’s Office of Student Financial Aid.

Courses

MPH:2099 Fundamentals of Public Health 3 s.h.
Introduction to public health; emphasis on issues, challenges, achievements, careers; historical events that serve as a foundation for public health practice. GE: Social Sciences.

MPH:4101 Introduction to Public Health 3 s.h.
Concepts, structures, and activities in public health practice. Offered fall semesters and summer sessions.

MPH:6100 Essentials of Public Health arr.
Introduction and overview of the scope of public health; emphasis on history, definitions, issues, achievements, and future challenges; examples of public health research and practice.

MPH:6500 Independent Study in Public Health arr.
In-depth pursuit of an area of special interest in public health.

Community service learning experience directly related to goals and objectives of a specific public health course; faculty-guided planning and reflection.

MPH:6700 Public Health Emergency Preparedness for Veterinarians and Other Public Health Disciplines 2-3 s.h.
Introduction to public health emergency preparedness from a one health perspective; emergency preparedness from federal, state, and local perspectives; important elements for preparing responders; preparedness information systems and communication techniques.

MPH:7000 M.P.H. Practicum Experience 0-6 s.h.
Comprehensive and integrated application of knowledge acquired in the M.P.H. program in a practice setting; demonstration of professional competence in public health practice. Prerequisites: MPH:4101 and BIOS:5110 and CBH:4105 and EPID:4400 and (HMP:4000 or HMP:5005) and OEH:4240. Requirements: an approved practicum proposal.