



Department of
Family Medicine and Public Health Sciences

Master of Public Health Degree

Richard Severson, Ph.D., Program Director

Kimberly Campbell-Voytal, MSN, Ph.D., Graduate Student Officer

Accredited by:



MPH Office:

3939 Woodward Avenue

Detroit, MI 48201

Tel: 1-313-577-1051

E mail: MPHprogram@med.wayne.edu

The Wayne State University Master of Public Health (MPH) degree is designed for individuals with a range of academic and professional backgrounds that include the medical, veterinary, healthcare, biological, psychosocial, and behavioral sciences.

The Program is administered by the School of Medicine Department of Family Medicine and Public Health Sciences in collaboration with other divisions of Wayne State University (<http://www.med.wayne.edu/fam>). A combined MD/MPH program (<http://www.med.wayne.edu/admissions>) is now available with application through the American Medical College Application Services (AMCAS). Individuals not yet ready to commit to a full MPH degree can first register for a Graduate Certificate in Public Health Practice with the option of transferring earned course credits to the MPH degree at a later date (see below).

Accreditation: The MPH Program at WSU is accredited by the Council for Education for Public Health (CEPH). The CEPH is an independent agency recognized by the US Department of Education to accredit public health programs. More information may be found at www.ceph.org.

Mission Statement: The MPH Program at WSU educates and engages students in public health theory, practice and research to understand and improve the health of urban and diverse populations.

Program Goals: The three major functions of the MPH Program include instruction, research and service in public health. The following five goals pertain to these three areas.

Instructional Goals

- Students: Recruit and retain high caliber students with diverse educational and experiential backgrounds.
- Curriculum: Provide a rich scholastic environment through a competency-driven curriculum that is responsive to the changing health needs of society.

- Graduates: Ensure that graduates are fully prepared to contribute to public health practice and research, and to assume leadership roles.

Research Goal

- Faculty: Engage faculty and public health practitioners in developing and sustaining a program of public health research.

Service Goal

- Community: Partner with community members to improve the health and well-being of populations and to enhance the mission of the Program.

MPH Curriculum: The MPH curriculum is designed so that on completion of the MPH degree students will have gained a core of public health knowledge and competencies so as to be able to:

- Apply evidence-based knowledge from behavioral and social sciences, biostatistics, epidemiology, environmental health, and health care organization to understanding and improving the health of the public.
- Use appropriate research and analytical strategies to address public health issues.
- Communicate public health principles and findings to professional and community audiences using a variety of media and methodologies.
- Collaborate sensitively, professionally, and ethically with individuals from diverse cultural, ethnic, and socioeconomic backgrounds.
- Recognize dynamic interactions between human and social systems and how they affect relationships among individuals, groups, organizations, communities, and other structures.
- Evaluate the roles of health care delivery systems, public health infrastructure, financing, and health policy in solving public health concerns.
- Understand the ethical choices, values, and professional practices implicit in public health decisions, giving consideration to the effect of choices on community stewardship, equity, social justice, and accountability.

MPH Course Requirements: A minimum of 42 credit hours are required for graduation

All students are required to complete the MPH core courses:

- Seminar in Public Health
- Epidemiology and Applied Epidemiology
- Biostatistics
- Social Basis of Health Care
- Health Care Organization and Administration
- Principles of Environmental Health
- Health Program Evaluation
- Research Methods for Health Professionals

A range of elective courses are available to provide students with interests and career goals in several areas of public health practice. These areas include the management, promotion and protection of the health of individuals, families, groups, and communities, as well as the promotion of policies that assure continuity of health and social justice. Elective courses in health economics, health policy and planning, health and aging, health education, and health management are available. Courses are also available for students interested in

several aspects of occupational and environmental health. Courses include such topics as the management and promotion of effective and innovative strategies to assess and minimize the adverse health effects resulting from chemical, biological, physical, and psychosocial exposures and the application of unique intervention strategies to ensure the wellbeing and sustained performance of individuals, families, organizations, and communities. Elective courses in toxicology, industrial hygiene and safety, employee and organizational health, and health psychology are also available.

All students are required to obtain practical experience working with local community and/or industrial health organizations; and following completion of a course on research methods, conduct an investigative project.

The MPH degree requires a minimum of **42 credit hours** and can be taken in part-time or full-time status. Classes are mainly offered in the evening and must be completed within a six year period.

A Graduate Certificate in Public Health Practice (GC-PHP) is available that requires completion of a minimum of 15-16 credits hours for individuals who either have completed a graduate degree or are not yet ready to commit themselves to the demands of an MPH Program.

Admission Requirements: Before applications to either the MPH or the GC-PHP are presented to the Admissions Committee, all requirements for admission must be satisfied. Students must meet the requirements of the Graduate School of the University as well as those for admission into the Public Health Graduate Programs.

1. Applicants will be expected to demonstrate an overall undergraduate **grade point average (GPA) of 3.0** or higher (on a scale of 4.0) and specifically to have achieved grades of 3.0 or higher in college course work in mathematics, the social sciences and the natural sciences.
2. The demonstration of competency in **mathematics** at the college-level is essential for admission into these programs. Some of the elective courses offered in the occupational and environmental health sciences also require demonstration of undergraduate competency in chemistry and physics.
3. The **Graduate Record Examination (GRE)** General Test is required. Successful applicants have previously attained scores on the verbal reasoning section of the GRE at or above the 60th percentile level, on the quantitative reasoning section at or above the 55th percentile level, and on the analytical writing section at or above the 50th percentile. Individuals who have already completed a graduate level degree (MS, MBA, MSN, Ph.D. etc.) from an accredited institution, can apply for a waiver of the GRE requirement.
4. Individuals who have passed a USA health professional licensure examinations (for MD, DOM, DDS, DVM, and Pharm D degrees etc.) and who have not taken the GRE, should apply to the Graduate Certificate in Public Health Practice with a request for a waiver of the GRE requirement. Following completion of 9-12 credits of course work, students in good academic standing have the option to apply to transfer all earned course credits to the MPH Program.
5. Applicants who graduated from non-US colleges or universities are required to demonstrate **English proficiency** either by completing a degree at an accredited US institution or in a country where English is the native language; or by passing the Michigan English Language Assessment Battery (MELAB), the Test of English as a Foreign Language (TOEFL), or equivalent test such as the International English Language Test System (IELTS).

The Application Process: Application to these programs requires all material to be submitted by online application to the WSU Graduate School by logging on to: <http://gradadmissions.wayne.edu> and applying for the Fall semester for the MPH degree and either Fall, Winter or Spring terms for the Graduate Certificate in Public Health Practice (GC-PHP). Although the Graduate School Admissions Office will require official transcripts to be forwarded to them directly, submission of unofficial copies online will expedite the review process. Application review by the Department and subsequent submission of a recommendation for admission to the School of Medicine and the Graduate School cannot be made until all required information has been received. A final decision by the Graduate School Admissions Office can also not be made until additional requirements have been met that include for example – receipt of official transcripts and evidence of financial support. Regular online review by an applicant to determine current admission status at <http://appstatus.wayne.edu> is essential for addressing possible paperwork deficiencies. Applicants who have already completed or who are currently enrolled in a graduate degree program at Wayne State University do not need to reapply to the Graduate School, but need to contact the MPH office to obtain the required “Change of Status” and “Supplemental Application” forms.

Deadlines for Submission:

- Fall Term for MPH and GC-PHP – Apply by June 1
- Winter Term for GC-PHP only – Apply by October 1
- Spring Term GC-PHP only – Apply by February 1

Reviews of applications for the MPH degree begin in January. Applicants are encouraged to submit their material early even if they have not yet completed their undergraduate degrees and or taken the GRE. This enables the admissions committee to advise of any deficiencies so that improvements in individual applications can be completed by the June 1st deadline.

Required Application Material: The recommendations of the Committee are based on detailed review of all material submitted online including an applicant’s academic record, performance in the Graduate Record Examination, personal statement, background and professional experience, and three letters of recommendation.

1. Although official transcripts of all degrees and test scores (TOEFL, IELTS, GRE etc.) are required by the Graduate Admissions Office, copies of transcripts, test scores as well professional certificates and scores (USMLE, ECFMG etc.), should be submitted online to expedite the review process.
2. A ***Curriculum Vitae/Résumé*** and a ***Personal Statement*** (< 500 words) of purpose describing the applicant's reasons for applying to the Program, interest and background in the field of public health, and long-term academic and professional goals, need to be included.
3. The three required ***Letters of Recommendation*** are submitted online by an applicant’s references in response to contact information submitted by the applicant online (see below for guidelines).

Mathematics Requirement: A background in mathematics is essential for success in the Program. Applicants are therefore expected to have achieved a grade of B or above in a college-based mathematics or statistics course, preferably within the last 5 years. Applicants with a deficiency in this requirement may be asked to take a college-based mathematics course before being considered for admission into the Program. US College Mathematics Departments usually offer a placement examination. For example, applicants passing the WSU mathematics placement examination at the first level would be recommended to take MAT 1000 or MAT 1050 (<http://www.clas.wayne.edu/math>). However, an applicant passing at the second level of this placement examination with recommendations to take MAT 1800 or higher would have met the mathematics requirements for admission into the Program. For physicians and other licensed healthcare professionals who might have taken biostatistics as part of a larger course such as community medicine, the

Admissions Committee is willing to consider a waiver of this mathematics requirement if official documentation of specific mathematics competencies can be provided. Such documentation is best provided as a letter forwarded directly to the MPH office by the applicant's school, listing the specific biostatistics competencies, contact hours and grades attained. Applicants should contact the MPH Office for additional information.

Letters of Recommendation: When requesting letters of recommendation from former lecturers, supervisors and/or professional colleagues, applicants need to request that their referees focus on the suitability of the applicant for admission into a public health graduate degree or certificate program. The letters need to be current, signed and printed on letterhead and should include a description of how long and in what capacity the referee knows the applicant. The committee is seeking from referees an appraisal of an applicant's experience in public health and/or related fields, listing relevant technical skills. Assessment of abilities to communicate in both verbal and written formats is also important. Any additional information on an applicant's interpersonal skills, motivation, organizational abilities, and aptitude for research are also welcomed. Overall the committee would like to hear from referees as to an applicant's potential to be successful in completing a graduate degree or certificate in public health and how they might effectively use the acquired knowledge and experience in developing a future career in the field of Public Health.

Checklist: The online applications to the Public Health Programs (MPH or Public Health Practice Graduate Certificate) have the provision for uploading documents. In order to satisfy Graduate School Admissions requirements, arrangements need to be made to ensure that all official undergraduate/graduate degree transcripts are forwarded to the Graduate Admissions Office directly. Application review by the program will not be initiated until the following have been received online as appropriate (<http://gradadmissions.wayne.edu>).

- Unofficial copies of all undergraduate/graduate degree transcripts
- Copies of Test Scores (GRE, TOEFL, IELTS etc.).
- Identification of examples of undergraduate or graduate courses completed in:
*Mathematics/Statistics (preferably in the last 5 years);
Social Sciences; and the
Natural Sciences.*
- Copies of Graduate Record Examination (GRE) scores or GRE waiver request.
- Copies of certificate/licensure examination results (USMLE etc.) are required for a GC-PHP application GRE waiver request.
- Personal Interest Statement.
- Professional Resumé / Curriculum Vitae.
- Receipt of Three Letters of Recommendation.

GRADUATE CERTIFICATE OF PUBLIC HEALTH PRACTICE CURRICULUM:

Candidates must complete a minimum of 15 credit hours of course work. A grade point average of 3.0 in certificate coursework must be maintained. All work must be completed within three years. The GC-PHP Program requires completion of the following core courses (11 credit hours):

<i>FPH 7010</i>	<i>Seminar in Public Health (1 credit)</i>
<i>FPH 7240</i>	<i>Epidemiology I (3 credits)</i>
<i>FPH 7015</i>	<i>Biostatistics I (4 credits)</i>
<i>OEH 7420</i>	<i>Principles of Environmental Health (3 credits)</i>

Electives may be taken within or outside the Department. However, on completion of 9-12 credit hours of course work, individuals in good academic standing have the option to transfer all course credits to an MPH plan of work. Individuals interested in pursuing the MPH degree are recommended to choose MPH required courses (see below) as electives in the GC-PHP Program so as to expedite their ultimate completion of the MPH degree.

MPH CURRICULUM:

Candidates must complete a minimum total of 42 credit hours of work. A grade point average of 3.0 in MPH coursework must be maintained. All work must be completed within six years. The following represent the MPH required core didactic and capstone courses and the current range of available elective courses:

MPH Core Courses taken by all MPH students (27 credit hours)

<i>FPH 7010</i>	<i>Seminar in Public Health (1 credit)</i>
<i>FPH 7015</i>	<i>Biostatistics I (4 credits)</i>
<i>FPH 7240</i>	<i>Epidemiology (3 credits)</i>
<i>FPH 7250</i>	<i>Applied Epidemiology (3 credits)*</i>
<i>FPH 7320</i>	<i>Social Basis of Health Care (3 credits)</i>
<i>FPH 7100</i>	<i>Health Care Organization and Administration (3 credits)</i>
<i>FPH 7230</i>	<i>Health Program Evaluation (3 credits)</i>
<i>FPH 7210</i>	<i>Research Methods for Health Professionals (4 credits)**</i>
<i>OEH 7420</i>	<i>Principles of Environmental Health (3 credits)</i>
<i>Prerequisites: * FPH 7015 and FPH 7240; **FPH 7250</i>	

Practical Skills in Public Health (3 credit hours)

<i>FPH 7440</i>	<i>Practicum in Public Health (3 credits)</i>
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Culminating Experience (3 credit hours)

<i>FPH 8990</i>	<i>MPH Research Project (3 credits)</i>
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Examples of Elective Course Choices (minimum of 9 credit hours): For example those students interested in focusing on:

- a) ***Health Policy and Organizational Leadership*** could consider including some of the following available elective courses in their plan of work:

<i>FPH 7200</i>	<i>Health Planning (3 credits)</i>
<i>FPH 7300</i>	<i>Health Care Policy (3 credits)</i>
<i>FPH 7415</i>	<i>Principles of Health Care Management (3 credits)</i>

Courses offered by the College of Education, the School of Business Administration, the Law School, and the Department of Geography and Urban Planning are also available.

- b) ***Health Promotion and Education*** could consider including some of the following available elective courses in their plan of work:

<i>FPH 7760</i>	<i>Community Health Education (3 credits)</i>
<i>FPH 7510</i>	<i>Community Health: Detroit Initiatives (3 credits)</i>
<i>FPH 7200</i>	<i>Health Planning (3 credits)</i>
<i>FPH 7370</i>	<i>Health, Disease, and Aging (3 credits)</i>

Courses offered by the College of Education, the College of Nursing, the School of Social Work and the Department of Anthropology are also available.

c) ***Employee and Organizational Health*** could consider including the following courses in their MPH plan of work:

FPH 7860 Principles of Occupational Health (3 credits)

FPH 7870 Occupational Health Psychology (3 credits)

FPH 7880 Organizational Determinants of Employee Health & Productivity (3 credits)

Courses offered by the Eugene Applebaum College of Pharmacy and Health Sciences in industrial hygiene and toxicology, hazardous material handling, and occupational safety are also available.

Current Listing of Other Available FPH Elective Courses

FPH 7020 Biostatistics II (3 credits)

FPH 7200 Health Planning (3 credits)

FPH 7300 Health Care Policy (3 credits)

FPH 7370 Health, Disease, and Aging (3 credits)

FPH 7415 Principles of Health Care Management (3 credits)

FPH 7760 Community Health Education (3 credits)

FPH 7510 Community Health: Detroit Initiatives (3 credits)

FPH 7870 Occupational Health Psychology (3 credits)

FPH 7880 Organizational Determinants of Employee Health & Productivity (3 credits)

FPH 7860 Principles of Occupational Health (3 credits)

FPH 7990 Directed Study in Public Health Practice (1-6 credits)

FPH 8090 Interdisciplinary Perspectives on Addictions (3 credits)

Note: Other graduate courses (6000 level and above) of relevance to a student's specific career needs can also be considered for inclusion in a plan of work. These courses are offered in *Anthropology, Business Administration, Health Economics, Health Education and Promotion, Industrial Hygiene and Toxicology, International Health, Nursing, Political Science, Psychology, Occupational Safety, and Sociology*, but require MPH Program Director and advisor approval for inclusion in a plan of work.

THE MPH FACULTY

Department of Family Medicine and Public Health Sciences

Joel Ager, PhD	Division of Population Health Sciences
Bengt Arnetz, MD, PhD, MPH	Director, Division of Occupational & Environmental Health
Judith Arnetz, PhD, MPH, PT	Division of Occupational & Environmental Health
David Bassett, PhD	Division of Occupational & Environmental Health
Juliann Binienda, PhD	Division of Medical Education
Jason Booza, Ph.D.	Division of Population Health Sciences
Patrick Bridge, PhD	Division of Medical Education
Kimberly Campbell-Voytal, MSN, PhD	Graduate Student Officer of the MPH Program & Division of Population Health Sciences
Mary Dereski, PhD	Division of Occupational & Environmental Health
Julie Gleason-Comstock, PhD, CHES	Division of Population Health Sciences
Hector Gonzalez, PhD	Division of Population Health Sciences
Ernest Hammel, PhD	Part-Time Faculty
James Janisse, PhD	Division of Population Health Sciences
Todd Lucas, PhD	Division of Population Health Sciences
Dawn Misra, PhD	Director, Division of Population Health Sciences
Victoria Neale, PhD, MPH	Division of Population Health Sciences
Laila Poisson, PhD	Adjunct Faculty/DFMPHS, Henry Ford Health Systems
John Porcerelli, PhD	Family Medicine Residency Program
Linda Roth, PhD	Division of Medical Education
Dana Rice, MS, Dr.PH.	Adjunct Faculty/DFMPHS, Wayne County. Dept. of Health & Human Services
Maryjean Schenk, MD, MS, MPH	Vice Dean for Medical Education
Kendra Schwartz, MD, MSPH	Interim Department Chair, DFMPHS
Richard Severson, PhD	Director of the MPH Program
Roger L. Wabeke, MS, PE, CIH	Division of Occupational & Environmental Health
Jinping Xu, MD	Division of Population Health Sciences

Other MPH Program Affiliated Faculty

Cathryn Bock, PhD	WSU SoM - Internal Medicine & Karmanos Cancer Institute
Frank Castronova, PhD	Blue Cross and Blue Shield
Michele Cote, PhD	WSU SoM - Internal Medicine & Karmanos Cancer Institute
Keith Kaye, MD, MPH	WSU SoM - Internal Medicine
James Moseley, EdD, LPC, CHES, CPT	WSU College of Education
Jay Noren, MD, MPH	WSU SoM - Internal Medicine
Michael Rybak Pharm D., MPH	WSU EACPHS - Pharmacy Practice
Eugene Schoener, PhD	WSU SoM - Pharmacology

SoM - School of Medicine

EACPHS - Eugene Appelbaum College of Pharmacy & Health Sciences