University of South Florida

College of Public Health

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**College Dean**: Donna Petersen, ScD, MHS

**Associate Dean:** Kay Perrin, Ph.D.

**DEPARTMENTS AND COLLEGE WIDE PROGRAMS**

**Community and Family Health**  <http://publichealth.usf.edu/cfh/>

Adolescent health; Sexual Health; Reproductive and women’s health; Family violence; Injury control and prevention; Aging and public health; Social marketing; Maternal and child health; Behavioral health; Health needs of special populations; Social determinants of health; Health disparities; Community-based interventions; Development; implementation and evaluation of programs to support healthy lifestyles; Application of technology in public health.

**Environmental and Occupational Health** <http://publichealth.usf.edu/eoh/>

Environmental and occupational toxicology and health risk assessment, Ergonomics and occupational heat stress, Occupational and environmental lung disease, inflammation and asthma, Environmental pollution assessment and modeling, bio-monitoring and management.

**Epidemiology and Biostatistics** <http://publichealth.usf.edu/epb/>

Epidemiology: Epidemiology of dementia and Alzheimer’s disease, Aging and occupational epidemiology, Cardiovascular disease epidemiology, Social epidemiology and public health geography, Cross-cultural studies, Cancer epidemiology, Perinatal epidemiology, Sleep disorders, Injury epidemiology, Osteoporosis and falls in aging population, Infectious disease epidemiology., Biostatistics: Methodologies for analysis of spatial and temporal data including multilevel, mixed-effects, and growth curve modeling, Bayesian methods, Survey and sampling, Missing data, Causal inference, Survival data analysis, and Data mining; Applications ranging from design and analysis of field trials for prevention of mental and behavioral disorders, design and analysis of clinical trials, analysis of social behavioral data, analysis of environmental data such as air pollution, health outcome evaluation, emdical surveillance, modeling olf biological system including dynamic models of HIV/AIDs trials, and health risk assessment.

**Global Health** <http://publichealth.usf.edu/gh/>

"Drug development and diagnosis of emerging and infectious diseases of developing countries, including malaria and tissue and soil transmitted dwelling helminths.  Ecology and remote sensing prediction of diseases in developing countries.  Ecology and control of vector borne diseases in Florida, especially endemic and emerging arboviruses.  Chronic diseases and accident prevention in developing countries.  Disaster cycle with emphasis on the recovery phase within the context of a Humanitarian Complex Emergency.  Infection control practices and procedures in healthcare settings."

**Health Policy and Management**<http://publichealth.usf.edu/hpm/>

Health care financial management, Health economics, Quantitative methods in health services, Health insurance, Health law, Quality management, Performance improvement, Community health assessment, Organizational theory and behavior applied to health settings, Health information management, Health policy, and Strategic planning.

**College Wide Programs** <http://publichealth.usf.edu/php/>

Public Health Practice, Executive Public Health Weekend Program, Public Health Generalist, Healthy Communities, Health Equity.

**Accreditation:**

The Commission on Colleges of the Southern Association of College and Schools. The College is fully accredited by the Council on Education for Public Health and the MSPH in Industrial Hygiene is accredited by the Applied Science Accreditation Commission of ABET, <http://www.abet.org>. The M.H.A. and dual M.H.A/M.P.H are accredited by the Commission on Accreditation of Healthcare Management Education.

**Mission Statement**:

The College of Public Health's mission is to improve the public’s health through advancing discovery, learning, and service. Goals are related to building strong focused research programs that reward and encourage scholarship and creative activities, continual improvement of academic programs and student centered learning, a college culture that supports our mission, vision, and values, a strong sustainable infrastructure, and active service and meaningful community engagement.

The base of knowledge for public health comes from a variety of disciplines, ranging from social sciences to biological sciences and business, brought together by a commitment to improve the public's health. Thus, the field is open to students from diverse academic disciplines including Health Sciences, Education, Business, Communication, Mathematics, Social and Natural Sciences. Graduates are prepared for interdisciplinary focused public health careers as administrators, managers, educators, researchers, and direct service providers.

The College’s five departments are Community and Family Health, Environmental and Occupational Health, Epidemiology and Biostatistics, Global Health, and Health Policy and Management The program in Public Health Practice is College-wide.

Core content is directly related to addressing and meeting public health issues. Off campus or alternate calendar programs may reflect additional offerings to meet specific needs. The College accommodates the working professional as well as the full-time student by offering late afternoon and evening classes, online delivery of courses and graduate certificates, and a executive M.P.H. for experienced health professionals.

The College hosts several College and Departmental based centers that augment the learning opportunities for students. A few examples include the Center for Biological Defense, Center for Leadership in Public Health Practice, Center for Positive Health, the Florida Health Information Center, The James and Jennifer Harrell Center for the Study of Family Violence, the Lawton and Rhea Chiles Center for Healthy Mothers and Babies, and the Florida Prevention Research Center.

**Degrees, Programs, Concentrations**

**Master of Health Administration (M.H.A.)**

 **Health Administration (MHA)**

**Master of Public Health (M.P.H.)**

 **Public Health (MPH)**

Behavioral Health (BHH)

Biostatistics (BST)

Environmental Health (EVH)

Epidemiology (EPY)

Epidemiology (ONLINE) (EPO)

Epidemiology and Biostatistics (PEB*)-dual concentration*

Epidemiology and Global Communicable Disease (EGC) – *dual concentration*

Epidemiology and Global Health - (EGH*)-dual concentration*

Epidemiology and Maternal & Child Health (EMC) – *dual concentration*

Executive Program for Health Professionals (EPH)1,2

Food Safety (FOS)

Global Communicable Disease (TCD)

Global Disaster Management, Humanitarian Relief, and Homeland Security (GHH)

Global Health Practice (GLO) Health Care Organizations and Management (HCO)

Health Policies and Programs (HPP)

Health Safety and Environment (HLE)

Infection Control (IFC)

Maternal and Child Health (PMC)

Nutrition and Dietetics (NUD)

Occupational Health (OCC) 3

Occupational Heatlh for Nurses

Occupational Safety (SFM)

Public Health Administration (PHA)

Public Health Education (PHN)

Public Health Practice Program (PHP)1, 2

Social Marketing (SOM)

Socio-Health Sciences (SHS)

Toxicology and Risk Assessment (TXY)

**Master of Science in Public Health (M.S.P.H.) Degree**

Public Health (MSP)

 Behavioral Health (PBH)

 Bioinformatics (PBF)

 Biostatistics (PBC)

 Environmental Health (PEH)

 Epidemiology (PEY)

 Genetic Counseling (GTC)

 Global Communicable Diseases (PGD)

 Industrial Hygiene (PIH)

 International Public Health Research, Policy and Planning (PIP)

Maternal and Child Health (PMH)

 Occupational Health (POH)4

 Occupational Medicine Residency (POM)

 Occupational Safety (POS)

 Public Health Education (PPD)

 Socio-Health Sciences (PSH)

 Toxicology and Risk Assessment (PTX)

**Doctor of Philosophy (Ph.D.) Degree**

Public Health

 Biostatistics (BST)

 Community and Family Health (CFH)

 Environmental Heatlh (EVH)

 Environmental and Occupational Health (EOH)

 Epidemiology (EPY)

 Global Communicable Diseases (TCD)

 Health Services Research (HPM)

 Industrial Hygiene (IHY)

 Occupational Health for Health Professionals (OHP)

 Toxicology and Risk Assessment (TXY)

 **Doctor of Public Health (Dr.P.H.) Degree**

Public Health

**Accelerated Programs:**

 B.S. in Public Health and MPH in Public Health: Public Health Education Concentration (3+2 program)

 M.S. in Environmental Science & Policy And M.P.H./M.S.P.H. in Public Health

 Fast Track MPH/MSPH for USF Honors Students

**Dual Degree Programs:**

Health Administration and Public Health: Health Policies/Programs M.H.A/M.P.H.

Public Health and Anthropology M.P.H./M.A. or Ph.D.

Public Health and Law M.P.H./J.D.

Public Health and Medicine M.P.H./M.D.

*for already enrolled USF College of Medicine students.*

Public Health and Social Work M.P.H./M.S.W.

Public Health (Occupational Health) and Nursing/Adult Nurse Practitioner M.P.H./M.S.

Public Health and Biochemistry/Molecular Biology M.P.H./Ph.D.

Public Health and Physical Therapy M.P.H./D.P.T.

**Graduate Certificates Offered:**

For the most current list go to: <http://www.outreach.usf.edu/gradcerts/>

Applied Biostatistics\*

Biostatistics

Concepts and Tools of Epidemiology\*

Diasporas and Health Disparities (shared with Africana Studies)

Disaster Management\*

Environmental Health

Epidemiology

Epidemiology of Infectious Diseases\*

Global Health in Latin America and Caribbean Studies

Global Health Practice

Health Equity

Health Management and Leadership

Health, Safety & Environment

Homeland Security

Humanitarian Assistance\*

Infection Control\*

Interdisciplinary Women’s Health

Maternal and Child Health

Maternal Child Health Epidemiology

Planning for Healthy Communities

Public Health Generalist\*

Public Health Policy and Programs\*

Safety Management

Social Marketing & Social Change\*

Toxicology and Risk Assessment

Translational Research in Adolescent Behavioral Health

Violence and Injury: Prevention and Intervention

Water, Health, and Sustainability

\*fully on-line

**COLLEGE REQUIREMENTS**

**Attendance Policy**

All Instructors teaching undergraduate and graduate courses are required to take attendance on the first day of class and to drop students who do not attend the first day of class. Students who experience extenuating circumstances that are beyond their control and who are unable to attend a first class meeting must notify the instructor or the department prior to the first class meeting to request waiver of the first class attendance requirement. Although Instructors are authorized to affect the drop, students are fundamentally responsible for knowing their registration status, and the student must insure that his/her registration status reflects the drop by the end of the drop/add period.

**Degree Requirements**

A detailed description of each degree and its requirements can be found on the website listed.

**Master of Health Administration (M.H.A.):**  <http://health.usf.edu/publichealth/hpmmha.html>

All M.H.A. students are required to successfully complete a total of 57 credits plus field experience:

* Public Health core—15 credits
* Management and Policy courses - 20 credits
* Finance, Economic and Decision Making Skills - 17 credits
* Culminating Experiences – 6-7 credits

**Master of Public Health (M.P.H.):** <http://health.usf.edu/publichealth/degree_descriptions.html>

All M.P.H. students are required to successfully complete a minimum of 42 credits:

* PHC 6588 History & Systems of Public Health – 1 credit
* Foundations courses – 15 credits
* Concentration courses in specialty areas - 12 credit minimum, depending on department requirements
* Comprehensive Exam
* Field Experience – 1-6 credits
* Special Project - 3 credits
* Electives (variable)

**\***Students in the Biostatistics concentration who have previously taken introductory statistics courses and have a strong mathematical background must take the more advanced level biostatistics course "PHC 6057: Biostatistical Inference I" instead of "PHC 6050: Biostatistics I". However, if a student does not have this prior training in introductory statistics coursework then she/he can take both PHC 6050 Biostatistics I and PHC 6057 Biostatistical Inference I.

**Master of Science in Public Health (M.S.P.H.):** <http://publichealth.usf.edu/msph.html>

* All M.S.P.H. students are required to successfully complete 42+ credits depending on concentration requirements, including a Program Core Course (1 credit) and Foundation courses (8 credits minimum)
* Courses in specialty areas as designated by advisory committee - 12 credits minimum
* Research Methods as determined by advisory committee
* Comprehensive Exam
* Thesis for a minimum of 6 credits
* Electives (variable)

 **Doctor of Philosophy (Ph.D.):** <http://health.usf.edu/publichealth/degree_descriptions.html>

The Doctor of Philosophy (Ph.D.) is granted in recognition of high attainment in a specified field of knowledge. It is a research degree and is not conferred solely upon the earning of credit or the completion of courses. It is granted after the student has shown proficiency and distinctive achievement in the specific field, has demonstrated the ability to do original, independent investigation, and has presented these findings with a high degree of literacy skills in a dissertation. This degree requires a minimum of 90 credits beyond the baccalaureate degree. Doctoral programs leading to Ph.D. are offered in all five departments and the five core areas of public health. Students have an opportunity to specialize within their department.

Each department has written specific guidelines and there are college-wide PhD student competencies. Students and their major advisor jointly create a written plan to meet all competencies via plan of study, research experience, departmental and professional activities, and other appropriate methods.

The courses and number of credit hours required are defined by the Department and the doctoral committee. Coursework includes the Ph.D. core courses, three semesters of a one-credited hour college-wide Advanced Interdisciplinary Seminar in Public Health, coursework from another department or college, and a minimum of 13 credits at the 7000 level. Generally, the doctoral degree requires a minimum of 90 credits beyond the bachelor’s degree. There is a mandatory doctoral student orientation that all new doctoral students must attend in the fall semester of their first academic year. Students will demonstrate or document proficiency in teaching academic courses at the University level. When all required coursework is satisfactorily completed (including tools of research and prerequisites), the student must pass a comprehensive qualifying examination. All students must complete a dissertation.

**Doctor of Public Health (Dr.P.H.)**

The **Doctor of Public Health (Dr.P.H.)** is a professional, practice-oriented degree which is granted in recognition of the attainment of a broad set of practice, analytic and evaluative skills, including demonstrated public health leadership skills.  Emphasis will be placed on proficiency in policy development and health policy strategies, public health leadership and management of health programs.  Demonstration of applied research skills and strength in evaluation methods via practice-based specialized study will be expected.  The Dr.P.H. will require 90 semester hours beyond the baccalaureate degree.  Candidates will have an M.P.H. or equivalent degree prior to admission, therefore the actual additional hours required for the Dr.P.H. beyond the Master’s level will average 45 to 50 semester hours, depending upon the program designed by the student and his or her committee.  Per University guidelines, all requirements for the doctoral degree must be completed within seven calendar years from the student’s date of admission for doctoral study.  Students have four years to complete all required coursework, pass the qualifying examination, and be admitted to doctoral candidacy.  Students then have four years from the date of doctoral candidacy to complete degree requirements.

**Mission**

The mission of the Doctor of Public Health is to prepare practitioners for leadership and advocacy in public health practice through a scientific, interdisciplinary approach to understanding and solving public health problems in the public and private sectors, the United States, and worldwide.  This mission relates directly to the University of South Florida mission which includes creating a community of learners together with significant and sustainable university-community partnerships and collaborations; and designing, strengthening and building sustainable healthy communities and improving quality of life.

**Other information**

**Comprehensive Examination (M.H.A., M.P.H., M.S.P.H.)**

The Core Comprehensive Examination covering core courses is a requirement for all students seeking an M.P.H. or M.S.P.H. degree in the College of Public Health.

The Department of Environmental and Occupational Health also requires a concentration comprehensive examination covering the concentration courses. Each department has detailed written guidelines which are listed on department websites. Additional information may be found at

<http://health.usf.edu/publichealth/academicaffairs/compexam.html>.

Please consult individual departments for information.

**Field Experience**

The type and length of the field experience varies. All students in the M.H.A., M.P.H., and M.S.P.H. in Industrial Hygiene are reguired to complete a field experience. Each department has written guidelines and a field experience website is available to assist students in this portion of their program at

<http://publichealth.usf.edu/academicaffairs/fe/>

**Special Project**

The special project is an in-depth study of a selected issue in public health. A topic will be selected according to student's needs and interests.

**Thesis** (M.S.P.H.)

M.S.P.H. students MUST complete a Thesis.

**Graduate Assistantships**

Graduate assistants may perform research, teaching functions, assist in the production of seminars and workshops, or other work related to their specific disciplines. Graduate assistants are paid a biweekly stipend and may qualify to receive in-state tuition waivers. Assistantships are awarded on a competitive basis. Students must have a GPA of 3.0 or better in their upper division coursework, must be degree-seeking and enrolled full time.

Additional information may be found at <http://publichealth.usf.edu/financial.html>

All positions are posted at <http://publichealth.usf.edu/jobpostings.html>

**Scholarships and Aid**

Sources of aid are limited to degree-seeking students only and include the following which are detailed at <http://www.publichealth.usf.edu/FinAid.html>: several named fellowships and scholarships, Florida Environmental Health Association Scholarships, Florida Public Health Association Scholarships, MCH Epidemiology Traineeships, among many others.

**Public Health program**

**Master of Public Health (M.P.H.) Degree**

**DEGREE INFORMATION**

**Program Admission Deadlines:**

Fall: May 1

Spring: August 1

Summer: November 15

International Applications

Fall May 1

Spring: August 1

Summer: November 15

*\* Global Health Practice admits in Fall term only.*

**Minimum Total Hours:** 42

**Program Level:** Masters

**CIP Code:** 51.2201

**Dept Code:** DEA

**Program (Major/College):** MPH/PH

**Approved:** 1981

**CONTACT INFORMATION**

**College:** Public Health

**Contact Information:** [www.grad.usf.edu](http://www.grad.usf.edu/)

**Program Website:**

<http://publichealth.usf.edu/mph.html>

**Concentrations:**

Behavioral Health (BHH)

Biostatistics (BST)

Environmental Health (EVH)

Epidemiology (EPY)

Epidemiology and Biostatistics (PEB)

Epidemiology and Global Communicable Diseases(EGD)

Epidemiology and Global Health (EGH)

Epidemiology and Maternal and Child Health (EMC)

Executive Program for Health Professionals (EPH)

Food Safety (FOS)

Global Communicable Diseases (TCD)

Global Disaster Management, Humanitarian Relief and Homeland Security (GHH)

Global Health Practice (GLO)

Health Care Organizations and Management (HCO)

Health Safety and Environment (HLE)

Health Policies and Programs (HPP)

Infection Control (IFC)

Maternal and Child Health (PMC)

Occupational Health (OCC)[[1]](#footnote-1)

Occupational Health for Nurses (OCP)

Occupational Safety (SFM)

Public Health Administration (PHA)

Public Health Education (PHN)

Public Health Practice, PHP)[[2]](#footnote-2),[[3]](#footnote-3)

Social Marketing (SOM)

Socio-Health Sciences (SHS)

Toxicology and Risk Assessment (TXY)

 Also offered as Accelerated Program and Dual

 Degree Option. See below for information

**PROGRAM INFORMATION**

**Accelerated Program Options:**

B.S. in Public Health and MPH in Public Health: Concentration in Public Health Education (3+2)

**Dual Degrees Offered:**

Public Health and Anthropology (M.P.H. with M.A. or Ph.D.)

Public Health and Law (M.P.H./J.D.)—offered collegewide with Stetson Law School

Public Health and Medicine (M.P.H. / M.D.) for already enrolled USF College of Medicine Students

Public Health and Physical Therapy (D.P.T./M.P.H.)

* Designated for students in the DPT program in the School of Physical Therapy-M.P.H. availability collegewide

Public Health and Social Work (M.P.H. / M.S.W.)

* Behavioral Health
* Maternal and Child Health

Public Health (Occupational Health) and Nursing / Adult Nurse Practitioner (M.P.H. / M.S.)

Public Health and Biochemistry / Molecular Biology (M.P.H. / Ph.D.) offered in the following concentrations:

* Epidemiology
* Environmental Health
* Toxicology and Risk Assessment
* Global Communicable Diseases

**Accreditation:**

Accredited by the Commission on Colleges of the Southern Association of College and Schools. The College is fully accredited by the Council on Education in Public Health..

**ADMISSION INFORMATION**

Must meet University requirements (see Graduate Admissions) as well as requirements listed below.

**Program Admission Requirements**

All Applicants must take the Graduate Record Exam (except as noted below) or an equivalent taken within five years preceding application unless noted as exceptions and must meet the following criteria:

* Earned an undergraduate degree from an accredited institution;
* Earned a “B” average (3.0 on a 4 point scale) or better in all work attempted while registered as an upper division student working toward a baccalaureate degree
* Graduate Record Examination (GRE) preferred minimum: 44th verbal percentile, 25th qualitative percentile.\*\*
* In lieu of the GRE, only applicants to the Department of Health Policy and Management may submit a preferred GMAT score of 500 for the M.P.H.
* An MCAT score may be submitted in lieu of the GRE. A mean of 8 is preferred. The Department of Epidemiology and Biostatistics does not permit the substitution of the MCAT for the GRE.
* Applicants admitted to the M.H.A. or M.P.H. concentration in the Department of Health Policy and Management (HPM) who have a score on the GRE Verbal or Analytical Writing test which is below the 40th percentile may be required to take REA 2105–Critical Reading and Writing–or an equivalent English composition course, during the first semester of enrollment, with a grade of “B” or better in the course.

Meeting of these criteria per se shall not be the only basis for admission.

\*\* Some Department concentration areas prefer a higher GRE subscores. Health Care Organization and Management; Public Health Policies and Programs; Public Health Administration: Minimum GPA of 3.0 upper division undergraduate **AND** Preferred GRE of 50th percentile on Verbal and 50th percentile on Quantitative.

**DEGREE PROGRAM REQUIREMENTS**

**Total Minimum Program Hours: 42 credit hours minimum**

Program Core – 1 credit hour

Foundation – 15 credit hours

Concentration/Electives - 22 credit hours minimum (varies with each concentration)

Field Experience – 1 credit hour minimum (varies with each each concentration)

Special Project -3 credit hours

Comprehensive Exam

*Students must complete the Program core requirements and then the requirements as specified for the Concentration.*

**Program Core Course – 1 hour**

PHC 6588 1 History & Systems of Public Health

**Foundation Courses** - **15 hours**

Choose appropriate track:

Track 1 (current foundation courses available to all students)

PHC 6000 3 Epidemiology

PHC 6050 3 Biostatistics I

PHC 6102 3 Principles of Health Policy and Management

PHC 6357 3 Environmental and Occupational Health

PHC 6410 3 Social and Behavioral Sciences Applied to Health

Track 2 (alternate foundation courses available to full-time, on-campus students)

PHC 6756 5 Population Assessment: Part 1

PHC 6081 3 Population Assessment: Part 2

PHC 6140 3 Translation to Practice

6000-level 4 Electives on a public health topic

**Concentration**

Students select from one of the concentrations listed on the following pages. The Concentration section includes required electives and Field Experience information.

 **Electives**

 Students select from suggested electives listed with each Concentration on the following pages.

 **Field Experience**

 PHC 6945 1 hr min Supervised Field Experience (up to 12 credits) –

*During 2nd semester meet with advisor and begin planning field experience. See* [*http://health.usf.edu/publichealth/academicaffairs/fe/*](http://health.usf.edu/publichealth/academicaffairs/fe/)

**Special Project**

PHC 6977 3 Special Project

**Comprehensive Exam**

All M.P.H. students must take a college-wide Comprehensive Exam. Refer to concentration for any additional concentration-specific requirements.

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**CONCENTRATION OPTIONS**

Students select from the following Concentrations:

**EPIDEMIOLOGY AND GLOBAL COMMUNICABLE DISEASES CONCENTRATION (EGD)**

**Offered from the Departments of Epidemiology and Biostatistics, and Global Health**

This dual concentration program is a professional degree, intended for individuals who wish to obtain a solid understanding of public health epidemiological practices, principles and applications, with an emphasis in global communicable disease issues, policies and programs. MPH dual concentration graduates will be prepared for positions in private agencies, non-governmental organizations (NGOs), international, federal and state health agencies that participate in the study of the spread and control of communicable diseases as well as policy and practice involved with the global aspects of epidemiologic issues.

As we face complex issues caused by rapid climate change, population growth, and highly mobile societies, outbreaks of communicable diseases, resulting in morbidity and mortality are an expanding threat to populations worldwide. Graduates from this dual concentration will have the tools to address epidemiologic spread of disease as well as the variety, frequency and location of vector borne and other communicable diseases. This dual program will provide graduates with the skills needed to function effectively in international as well as national and local public health arenas with knowledge of the global impact of communicable disease through epidemiological surveillance, and prevention programs to serve at risk populations.

**Concentration Admission Information**

In addition to the Program Admission requirements, applicants must have the following:

 Students in this program require 2 advisors; One Epi., One Global Health.

**Total Program requirements with this concentration - 70 hours minimum**

In addition to the 19 hours required for the Program (Core, Foundations, Special Project), this Concentration requires:

Concentration Course Requirements – 30 credit hours (15 GCD, 15 EPI)

Electives – 18 credit hours

Field Experience – 3 credit hour minimum

**Concentration Requirements - 30 hours**

**Global Comm. Diseases Required Courses –** 12 hours

Students graduating from the Program will receive training within four core domains which are central to the study of Global Communicable diseases:

* Tropical and Emerging Infections
* Microbiology
* Immunology and Genetics and
* Public Health Interventions and Disease Control

Students must take a minimum of 3 credits from within each domain. Course selection will be determined by the student and their advisor based on student interests and career goals.

Domains and examples of course selection

*Tropical and Emerging Infections - 3 credits minimum*

PHC 6512 3 Vectors of Human Disease

PHC 6510 3 Exotic and Emerging Infectious Disease

PHC 6513 3 Public Health Parasitology

PHC 6516 3 Tropical Diseases

*Microbiology 3 credits minimum*

PHC 6037 3 Public Health Virology

PHC 6562 3 Microbiology for Healthcare Workers

PHC 7122 3 Vaccinology\*

\*with instructor consent

*Public Health Interventions and Disease Control - 3 credits minimum*

PHC 6314 3 Infection Control Program Design

PHC 6514 3 Infectious Disease Control in Developing Countries

PHC 6517 3 Infectious Disease Prev. Strategies

PHC 6251 3 Disease Surveillance and Monitoring

PHC 6934 3 Public Health GIS

*Immunology and Genetics -3 credits minimum*

PHC 6511 3 Public Health Immunology

PHC 6121 3 Vaccines

PHC 6934 3 Human Genomics in Public Health and Personalized Medicine

**Epidemiology Required Courses -** 9

PHC 6934 3 Application of Advanced Biostatistical Methods in Public Health OR

PHC 6053 3 Categorical Data Analysis

PHC 6010 3 Epidemiology Methods I

 PHC 6701 3 Computer Applications for Health Researchers

 (Duplicate)

**Electives - 12 hours**

Global Health Options - 6

Students will fulfill their Global Health elective credits in consultation with their advisor. It is recommended that

students focus on one of the five domains, taking all courses within that domain.

Epidemiology options - 6

1 course in Infectious Disease Epidemiology

1 course in Chronic Disease Epidemiology

1 additional Departmental course from the following areas:

Infectious Disease Epidemiology

Epidemiology Methods or Biostatistics

**Field Experience – 3 hours minimum**

PHC 6945 3 Supervised Field Experience (up to 12 credits)

*Field Experience must be Epidemiologic in content..*

**EPIDEMIOLOGY AND GLOBAL HEALTH (EGH)**

**Offered from the Departments of Epidemiology & Biostatistics, and Global Health**

In addition to the overall Master of Public Health degree competencies, Epidemiology and Global Health Practice dual concentration graduates will be able to meet the competencies from both the Epidemiology MPH and the Global Health Practice MPH.

**Concentration Admission Information**

In addition to the Program Admission requirements, applicants must have the following:

Students in this program require 2 advisors; One Epi., One Global Health.

**Total Program requirements with this concentration - 52 hours minimum**

In addition to the 19 hours required for the Program (Core, Foundations, Special Project, and Comp Exam), this Concentration requires:

Concentration Course Requirements – 21 credit hours

Electives – 6 credit hours

Field Experience – 6 credit hour minimum

**Concentration Course Requirements - 21 hours**

Global Health Required Courses - 12

PHC 6764 3 Global Health Principles and Contemporary Issues

PHC 6761 3 Global Health Assessment Strategies

PHC 6106 3 Global Health Program Development and Administratio3n

PHC 6442 3 Global Health Applications in the Field

Epidemiology Required Courses - 9

PHC 6010 3 Epidemiology Methods I

PHC 6701 3 Computer Applications for Public Health Research

And one of the following:

PHC 6934 3 Application of Advanced Biostatistical Methods in Public Health OR

PHC 6053 3 Categorical Data Analysis

**Electives - 6 hours**

Emphasis area options:

PHC 6002 3 Infectious Disease Epidemiology OR

PHC 6011 3 Epidemiology Methods II OR

PHC 6190 3 Public Health Database Management

AND one of the following courses from the Department of Global Health

PHC 6511 3 Public Health Immunology OR

PHC 6513 3 Public Health Parasitology OR

PHC 6512 3 Vectors of Human Disease

**Field Experience – 6 hours minimum**

PHC 6945 3 Supervised Field Experience (up to 12 credits)

Field Experience must be international and Epidemiologic in content. 6 hours minimum

**GLOBAL HEALTH PRACTICE (GLO)**

**Offered from the Department of Global Health (Fall term admission only)**

This concentration will prepare students for achieving a professional position in the field of international public health, such as with international, bilateral, governmental and non-governmental agencies. The curriculum focuses on assessment and intervention strategies useful in resolving health problems of primarily undeveloped countries. Global Health Practice students have an opportunity to select courses that focus on areas such as epidemiology, maternal and child health, management and socio-cultural health.

**Concentration Admission Information**

In addition to the Program Admission requirements, applicants must have the following:

* Suggested/preferred undergraduate majors: none
* Work experience: not required
* An MCAT Mean of 8 may be substituted for the GRE
* Other criteria: Minimum technology requirements include intermediate computer skills, two letters of recommendation, resume, and goal statement.

**Total Program requirements with this concentration - 49 hours minimum**

In addition to the 19 hours required for the Program (Core, Foundations, Special Project, and Comp Exam), this Concentration requires:

Concentration Course Requirements –12 credit hours

Electives – 12 credit hours

Field Experience – 6 credit hours minimum

**Concentration Course Requirements - 12 hours**

PHC 6764 3 Global Health Principles and Contemporary Issues

PHC 6761 3 Global Health Assessment Strategies

PHC 6106 3 Global Health Program Development and Administration

PHC 6442 3 Global Health Applications in the Field

**Electives - 12 hours**

**Courses not included on the list below may be approved by the student’s advisor.**

PHC 6111 3 Global Primary Health Care Strategies

PHC 6146 3 Health Services Planning and Evaluation

PHC 6147 3 Managing Quality in Health Care

PHC 6511 3 Public Health Immunology

PHC 6512 3 Vectors of Human Disease

PHC 6513 3 Public Health Parasitology

PHC 6074 3 Epidemiology of Diseases of Major Public Health Importance

PHC 6700 3 Research Methods in Epidemiology

PHC 6934 3 Intermediate Infectious Disease Epidemiology

PHC 6535 3 International Maternal and Child Health

PHC 6765 3 International Health Education

PHC 6536 3 Population and Community Health

PHC 6532 3 Women's Health Issues in Public Health

PHC 6121 3 Vaccines

PHC 6726 6 Community-Based Participatory Research for Tropical Health

PHC 6518 3 EcoHealth & the Ecology of Tropical Infectious Diseases

**Field Experience – 6 hours minimum**

PHC 6945 6 Supervised Field Experience (up to 12 credits)

 (eight weeks abroad)

1. Only available to dual M.S. Adult Nursing Students [↑](#footnote-ref-1)
2. Requires 3 years of health-related experience [↑](#footnote-ref-2)
3. Offered (1) executive program and (2) online [↑](#footnote-ref-3)