**Public Health program**

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

**DEGREE INFORMATION**

**Program Admission Deadlines:**

Domestic Applicants:

Fall: May 1

Spring: September 15

Summer: January 15

International Applications

Fall May 1

Spring: September 15

Summer: January 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

**Concentrations in:**

See list below. Detailed descriptions are available at:

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

**Dual Degrees:** See list below.

**CONTACT INFORMATION**

**College:** Public Health

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

**Program Website:**

**PROGRAM INFORMATION**

**Concentrations:**

Accelerated Health Education (AHE) *– Only available through the BS/MSPH Program*

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**

Global Communicable Diseases (TCD)

Global Disaster Management and Humanitarian Relief (GDM)

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

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)

**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.) offered in the following concentrations:

* Environmental Health
* Epidemiology
* Global Communicable Disease
* Global Disaster Management and Humanitarian Relief
* Global Health Practice
* Health Care Organizations and Management
* Health Policies and Programs
* Maternal and Child Health
* Public Health Education
* Socio-Health Sciences

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 Disease

**Peace Corps Master’s International (PCMI)** **Program**

*Offered in All Departments*

The Peace Corps Master’s International (PCMI) program is a college-wide program open to all students (excluding international students). Master’s International students begin studies on campus, and then serve abroad with the Peace Corps for 27 months before returning to campus to complete graduation requirements for a (M.P.H.) degree or a Master of Science in Public Health (M.S.P.H.) degree.  As an incentive, the College provides tuition and fee waivers for up to nine (9) credit hours for the required Field Experience and the Special Project, or the successful defense of a Thesis.  PCMI students gain two years of significant international work experience and knowledge while working in resource-poor settings, thereby enhancing their marketability for employment upon graduation.

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 of public health is broad and is open to students from diverse academic disciplines including Health Sciences, Education, Engineering, Business, Communications, Mathematics, Social Sciences and Natural Sciences. Graduates are prepared for interdisciplinary focused public health professional 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. In addition, Public Health Practice is a college-wide program. Core content is directly related to addressing and meeting public health issues.

The College accommodates the working professional as well as the full-time student by offering late afternoon and evening classes, online course delivery, partnerships with international schools to expand options, a variety of graduate certificates, and a professional M.P.H. for experienced health care professionals.

**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 6600 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 6080 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/>*

**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:

**BEHAVIORAL HEALTH (BHH)**

**Offered from the Department of** Community & Family Health

The M.P.H. in Public Health with a Concentration in Behavioral Health is offered jointly with the USF Louis de la Parte Florida Mental Health Institute with a focus upon behavioral health (mental health and substance abuse) services. This concentration examines community and family issues in evaluation of systems performance and outcomes of public mental health and substance abuse services as well as children’s mental health, aging and mental, HIV and mental health services, and the planning, evaluation and accountability of mental health and substance abuse services. Graduates are prepared to work in mental health, alcohol and drug abuse organizations.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: Undergraduate majors may be admitted from a wide range of backgrounds, although majors from the health sciences such as nursing, pre-med and allied health sciences, and from the social and behavioral sciences (psychology, social work, anthropology, educational psychology, and sociology) are especially appropriate.
* Work experience: Work experience in the field of public health, health, psychology, nursing, counseling, education, social works, etc., is considered extremely desirable.
* Minimum undergraduate GPA 3.0 in upper division course work
* GRE preferred minimum: 58th verbal percentile, 25th quantitative percentile
* Three letters of recommendation from academic and/or related professional sources.

**Total Program Requirements with this concentration - 44 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 – 16 credit hours

Electives – 6 credit hours

Field Experience – 3 credit hours minimum

**Concentration Course Requirements - 16 hours minimum**

MHS 7740 3 Survey of Mental Health Planning, Evaluation, and Accountability

PHC 6542 3 Epidemiology of Mental Disorders

PHC 6543 3 Foundations in Behavioral Health Systems

PHC 6708 3 Evaluation and Research Methods in Community Health

PHC 6035 3 Comorbidity of Mental and Physical Disorders

PHC 6724 1 Synthesizing Public Health Research

**Electives - 6 hours minimum**

(Examples of common elective options)

PHC 6413 3 Family & Community Violence in Public Health

PHC 6549 3 HIV & Mental Health

PHC 6547 3 Case Management in Community Mental Health

HSC 6552 3 Community-Based Prevention in Behavioral Health

PHC 6240 3 Cultural Competency in Children’s Mental Health

PHC 6934 3 End of Life Care

PHC 6544 3 Children’s Mental Health Services

PHC 6545 3 Evaluation in Mental Health

PHC 6934 3 Evidence-Based Practice in Behavioral Health

PHC 6548 3 Grant Writing in Mental Health

PHC 6401 3 Homelessness: Implications for Behavioral Healthcare

PHC 6934 3 Substance Abuse Treatment Services

MHS 6640 3 Mental Health Informatics

PHC 6934 3 Financing, Economics, and Policy in Behavioral Health

**Field Experience – 3 hours minimum**

PHC 6945 3-6 min Supervised Field Experience (up to 12 credits) –

Students with little or professional experience - 6 hours minimum

Students with relevant professional experience -3 hours minimum

Professional experience would include at least 2 years of supervised work at a mental health, alcohol, or drug abuse agency in a variety of specialty areas within behavioral health services. These experiences might include work in program planning, program evaluation, community prevention and education, etc.

**BIOSTATISTICS (BST)**

**Offered from the Department of Epidemiology & Biostatistics**

The MPH program in Public Health with a Concentration in Biostatistics provides educational opportunities for students to acquire a broad knowledge in biostatistics and apply biostatistical methods to public health problems.. The intended audience of the program includes individuals with strong quantitative background and interests in a professional career in a public health setting. The program trains students to be able to design studies, to implement data collection and management plans, to formulate analysis plans and conduct analysis, and to report and communicate analytical results. The program will also provide students with knowledge in statistical and computational methods and public health.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: mathematics, statistics, computer sciences, natural sciences, biological sciences, engineering, medical sciences, environmental sciences, management information systems.
* Prerequisite undergraduate courses: linear algebra, calculus, basic computer skills (e.g. operating system, internet, word processing, spread sheet).
* Work experience: Prior work experience is preferred, but not required.
* .
* Other criteria: Academic background, goal statement, student's academic interest, references and availability of faculty and facility resources are also considered as part of the entrance evaluation.

**Total Program requirements with this concentration – 44 hours minimum**

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

Concentration Course Requirements – 15 credit hours

Electives – 9 credit hours

Field Experience – 1 credit hour minimum

\*Students 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.

**Prerequisites (Not included in total program hours) - 6 hours**

Public health course prerequisites (for students who lack training in public health or biological sciences):

* HSC 4554 3 Survey of Human Diseases
* PHC 4101 3 Introduction to Public Health
* Or an equivalent course is required

**Concentration Course Requirements - 15 hours**

PHC 6053 3 Categorical Data Analysis

PHC 6051 3 Biostatistics II

PHC 6060 3 Biostatistics Case Studies and Consulting I

HSC 6055 3 Survival Analysis

PHC 6020 3 Design and Conduct of Clinical Trials

**Electives - 9 hours**

Examples of common elective options

HSC 6054 Design and Analysis of Experiments for Health Researchers

HSC 6056 Survey Sampling Methods in Health Sciences

PHC 6701 3 Computer Applications for Public Health Researchers

PHC 6190 Public Health Data Base Management

**Field Experience – 1 hours minimum**

PHC 6945 1-3 min Supervised Field Experience (up to 12 credits) –

No experience, or less than two years using biostatistical principles in a work setting: 3 credits minimum. Two or more years’ experience using biostatistical principles in a work setting: 1 credit minimum.

**ENVIRONMENTAL HEALTH (EVH)**

**Offered from the Department of Environmental and Occupational Health**

Students in the MPH program in Public Health with a Concentration in Environmental Health gain a broad perspective in the public health sciences and social sciences, and a fundamental education in the technical sciences with an emphasis on the protection and improvement of our environmental and public health. Students enrolled in the MPH program are likely to be recent graduates of a biological science, environmental science or medicine undergraduate program; employees of county or state agencies; in a military education program; or involved in environmental health & safety management with a company. The motivation for an MPH student to complete an advanced degree is to become an environmental scientist or manager; and increased competence as an environmental scientist or manager; or as pre-medical training or an opportunity to take and pass the US medical boards. Many MPH students are now or will become community leaders, for example, as U.S. Armed Services or Public Health Service Officers; as State Health Officers; or as Agency or Laboratory Directors.

**Concentration Admission Information**

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

• Suggested/preferred undergraduate majors: biological, physical or chemical science; military science; engineering; nursing or medicine; environmental health and technology; environmental science and policy.

• Prerequisite undergraduate courses: introductory college-level algebra, chemistry, and biology (or related course); calculus and organic chemistry preferred.

• Work experience: None required: two years experience in environmental health preferred.

• Minimum undergraduate GPA: 3.0

• GRE Score may be substituted with an MCAT Score averaging eight or higher.

• International applicants from non-English-speaking countries must provide a minimum TOEFL score of 213 (computer-based test) or 550 (written test), taken within 2 years of the desired term of entry.

**Total Program requirements with this concentration - 42 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 – 16 credit hours

Electives – 6 credit hours

Field Experience – 1 credit hour minimum

**Prerequisites** (not included in total hours) - **6 hours**

PHC 4101 3 Introduction to Public Health

HSC 4551 3 Survey of Human Diseases

**Concentration Requirement - 16 hours minimum**

PHC 6301 3 Water Pollution and Treatment

PHC 6310 3 Environmental and Occupational Toxicology

PHC 6303 3 Community Air Pollution

PHC 6512 3 Vectors of Human Disease

PHC 6305 3 Environmental Analytical Lab

PHC 6930 1 Public Health Seminar

**Electives - 6 hours minimum**

Suggested Electives Related to Environmental Health:

PHC 6523 3 Food Safety

PHC 6510 3 Exotic and Emerging Infectious Diseases

PHC 6934 3 Water Resources Management Principles

PHC 6354 2 Safety and Health Administration

PHC 6353 2 Environmental Toxicology and Risk Assessment

PHC 6313 2 Indoor Environmental Quality

PHC 6422 2 Environmental Health Law

PHC 6934 1 Water & Wastewater Analysis Laboratory

**Field Experience – 1 hour minimum**

PHC 6945 1-3 Supervised Field Experience (up to 12 credits)

Students with little or no professional experience: 3 hours minimum. Students with two or more years of professional experience in an environmental health field or as an environmental health educator: 1 hour minimum

**EPIDEMIOLOGY (EPY)**

**Offered from the Department of Epidemiology & Biostatistics**

The MPH program in Public Health with a Concentration in Epidemiology is a professional degree, intended for individuals who wish to obtain a broad understanding of public health, with an emphasis on epidemiologic principles and methods. The knowledge and skills obtained through the program will enable graduates to characterize the health status of communities, critically evaluate research on determinants of health-related events, formulate strategies to evaluate the impact of health related interventions and foster the application of epidemiologic methods for health promotion/disease prevention activities at the community level.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: Mathematics, statistics, computer sciences, natural sciences, biology, social sciences, nursing, medicine, dentistry, veterinary medicine, pharmacology, gerontology, allied health professions, environmental health, management information systems.
* Prerequisite undergraduate courses: College algebra, basic computer skills (e.g. operating system, internet, word processing, spread sheet), human structure and function, human health biology. Calculus is recommended.
* Work experience: Prior work experience is preferred, but not required.
* Other criteria: Academic background, goal statement, student's academic interests, references and availability of faculty and facility resources are also considered as part of the entrance evaluation.

**Total Program requirements with this concentration - 44hours minimum**

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

Concentration Course Requirements – 15 credit hours

Electives – 9 credit hours

Field Experience – 1 credit hour minimum

**Prerequisites (Not included in total program hours) -6 hours**

PHC 4101 3 Introduction to Public Health

HSC 4551 3 Survey of Human Diseases

**Concentration Requirements- 15 hours**

PHC 6051 3 Biostatistics II

PHC 6010 3 Epidemiology Methods I

PHC 6011 3 Epidemiology Methods II

PHC 6701 3 Computer Applications for Public Health Researchers

PHC 6053 3 Categorical Data Analysis

**Electives - 9 hours**

For Emphasis Area Support Courses, students will select additional coursework from the following categories:

1 Course in Infectious Disease Epidemiology

1 Course in Chronic Disease Epidemiology

1 Epidemiology or Biostatistics methods course (3 credits)

**Field Experience – 1 hour minimum**

PHC 6945 1-6 Supervised Field Experience (up to 12 credits)

No experience, or less than two years using epidemiologic principles in a work setting: 3 credits minimum, 6 preferred. Two or more years experience using epidemiologic principles in a work setting: 1 credit minimum

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**EPIDEMIOLOGY AND BIOSTATISTICS (PEB)**

**Offered from the Departments of Epidemiology and Biostatistics**

This dual concentration program is a professional degree, intended for individuals who wish to obtain a broad understanding of public health, with a strong background in analytical skills and methods. The knowledge and skills obtained through this program will enable graduates to seek positions that characterize the health status of communities, critically evaluate research on determinants of health-related events, formulate strategies to evaluate the impact of health related interventions and foster the application of epidemiologic and biostatistical methods for health promotion/disease prevention activities.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: mathematics, statistics, computer sciences, natural sciences, biological sciences, engineering, medical sciences, environmental sciences, management information systems.
* Prerequisite undergraduate courses: linear algebra, calculus, basic computer skills (e.g. operating system, internet, word processing, spread sheet).
* Work experience: Prior work experience is preferred, but not required.
* Other criteria: Academic background, goal statement, student's academic interest, references and availability of faculty and facility resources are also considered as part of the entrance evaluation.

**Total Program requirements with this concentration - 50 hours minimum**

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

Concentration Course Requirements – 24 credit hours

Electives – 6 credit hours

Field Experience – 1 credit hour minimum

**\*** Students 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 must take both PHC 6050 Biostatistics I and PHC 6057 Biostatistical Inference

**Prerequisites** (not included in total GPA hours)- **6 hours**

PHC 4101 3 Introduction to Public Health

HSC 4551 3 Survey of Human Diseases

**Concentration Course Requirements - 24 hours**

PHC 6051 3 Biostatistics II

PHC 6701 3 Computer Applications for Public Health Researchers

PHC 6053 3 Categorical Data Analysis

HSC 6055 3 Survival Analysis

PHC 6020 3 Design and conduct of Clinical Trials

PHC 6010 3 Epidemiology Methods I

PHC 6011 3 Epidemiology Methods II

PHC 6060 3 Case Studies and Collaboration I

**Electives - 6 hours**

For Emphasis Area Support Courses, students will select additional coursework from the following categories:

1 Course in Infectious Disease Epidemiology

1 Course in Chronic Disease Epidemiology

**Field Experience – 1 hour minimum**

PHC 6945 1-6 Supervised Field Experience (up to 12 credits)

*Must conduct data analysis project with both Epidemiology and Biostatistics features*

**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 - 75 hours minimum**

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

Concentration Course Requirements – 33 credit hours (15 GCD, 18 EPI)

Electives – 18 credit hours

Field Experience – 3 credit hour minimum

**Concentration Requirements - 33 hours**

**Global Comm. Diseases Required Courses –** 15 hours

Students graduating from the Program will receive training within five core domains which are central to the study of

Global communicable disease:

1. Tropical and Emerging Infections
2. Microbiology
3. Immunology and Genetics and
4. Public Health Interventions and Disease Control
5. Applied Global Communicable Disease.

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 7935 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 5933 3 Intro to GIS

*Immunology and Genetics and -3 credits minimum*

PHC 6511 3 Public Health Immunology

PHC 6121 3 Vaccines

PHC 6934 3 Human Genomics in Public Health and Personalized Medicine

*Applied Global Communicable Disease* - *3 credits minimum*

PHC 6561 3 Lab Techniques in Public Health

PHC 6560 3 The Public Health Lab System

PHC 6934 3 Public Health GIS

**Epidemiology Required Courses -** 18

PHC 6051 3 Biostatistics II

PHC 6010 3 Epidemiology Methods I

PHC 6011 3 Epidemiology Methods II

PHC 6701 3 Computer Applications for Health Researchers

PHC 6190 3 Public Health Database Management

PHC 6053 3 Categorical Data Analysis

**Electives - 18 hours**

Global Health Options -9

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 - 9

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 Or Peace Corps Experience.*

**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 - 64 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 – 30 credit hours

Electives – 9 credit hours

Field Experience – 6 credit hour minimum

**Concentration Course Requirements - 30 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 - 18

PHC 6051 3 Biostatistics II

PHC 6010 3 Epidemiology Methods I

PHC 6011 3 Epidemiology Methods II

PHC 6701 3 Computer Applications for Health Researchers

PHC 6190 3 Public Health Database Management

PHC 6053 3 Categorical Data Analysis

**Electives - 9 hours**

Emphasis area options:

PHC 6074 3 Epi. of Diseases of Maj. PH Importance or Chronic Disease course

PHC 6002 3 Infectious Disease Epidemiology

one of the following

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 Or Peace Corps Experience. 6 hours minimum

**EPIDEMIOLOGY AND MATERNAL AND CHILD HEALTH (EMC) (Dual Concentration)**

**Offered from the Department of Epidemiology and Biostatistics and the Department of Community and Family Health**

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

**Concentration Admission Information**

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

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Students in this program require 2 advisors; One Epi., One Community and Family Health

**Total Program requirements with this concentration- 63 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 – 34 credit hours

Electives – 9 credit hours

Field Experience – 1-6 credit hour minimum

**Concentration Course Requirements- 34 hours**

Maternal and Child Health Required Courses - 13

PHC 6530 3 Maternal and Child Health Issues and Concepts

PHC 6537 3 Case Studies in MCH Programs, Policies, and Research

PHC 6505 3 Program Planning Methods in Community Health

PHC 6708 3 Evaluation and Research Methods in Community Health

PHC 6724 1 Synthesizing Public Health Research

Epidemiology Required Courses - 21

PHC 6051 3 Biostatistics II

PHC 6010 3 Epidemiology Methods I

PHC 6011 3 Epidemiology Methods II

PHC 6053 3 Categorical Data Analysis

PHC 6192 3 Public Health Database Management

PHC 6701 3 Computer Applications for Public Health Researchers

PHC 6591 3 Reproductive and Perinatal Epidemiology

**Electives - 9 hours**

Emphasis Area Support Courses must be selected from the following categories:

o Epidemiology (3 credit hours)

o MCH (6 credit hours)

**Field Experience – 1-6 hours minimum**

PHC 6945 Supervised Field Experience (up to 12 credits)

**EXECUTIVE PROGRAM FOR HEALTH PROFESSIONALS (EPH)**

The Executive Weekend MPH program is a unique and customized program to serve the needs of the busy health care practitioner. Past and current students have represented many health care fields and specialties including physicians, nurses, dentists, pharmacists, occupational therapists and many more. This diversity provides students with the opportunity to meet and collaborate with colleagues from other specialties and geographic areas while enhancing the student’s ability to work in multi-disciplinary teams. Students gain strategic vision while participating on diverse teams with other students averaging three to 33 years of work experience in public health. Courses in this format are intensive, in-depth and offered one weekend a month on the Tampa campus. Small class sizes guarantee students individual attention and rich face to face interactions with experienced peers and faculty. Due to the customized nature of this program, additional fees are assessed and enrollment is limited. For more information, visit: <http://publichealth.usf.edu/php/home.html>.

**Total Program requirements with this concentration - 44 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 – 1 credit hour minimum

**Concentration Course Requirements - 12 hours**

PHC 6120 3 Community Partnerships and Advocacy

PHC 6421 3 Public Health Law and Ethics

PHC 6936 3 Public Health Capstone

Choose one of the following:

PHC 6104 3 Management of Public Health Programs

PHC 6146 3 Health Services Planning and Evaluation

**Electives - 12 hours**

Electives may be courses that apply towards a graduate certificate or from elective options.

**Field Experience – 1 hour minimum**

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

**Comprehensive Exam**

Part of Public Health Capstone

**FOOD SAFETY (FS)**

**Offered from the Department of Environmental and Occupational Health**

Public health professionals play a pivotal role in preventing foodborne disease. As such, they require unique skills in food safety risk management. Their role will become increasingly important as the world’s population steadily climbs to an estimated 9.6 billion by 2050, and as food supply chain becomes highly global. Students in the MPH program will gain a broad prospective in the public health sciences and technical experience in food safety emphasizing competencies in understanding foodborne hazards, controlling these through science-based food safety risk assessment and management, and developing effective food safety public health policies. Advance degree graduates with experience in both food safety and public health will be effective leaders for food companies, government agencies, and NGOs.

**Concentration Admission Information**

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

• Suggested/preferred undergraduate majors: biological or chemical science.

• Prerequisite undergraduate courses: None required. Knowledge of Excel spreadsheets preferred.

• Work experience: None required.

• Minimum undergraduate GPA: 3.0

• GRE Score may be substituted with an MCAT Score averaging eight or higher.

• International applicants from non-English-speaking countries must provide a minimum TOEFL score of 213 (computer-based test) or 550 (written test), taken within 2 years of the desired term of entry.

**Total Program requirements with this concentration - 41 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 – 9 credit hours

Field Experience – 1 credit hour minimum

**Concentration Course Requirements- 12 hours minimum**

PHC 6522 3 Nutrition in Health and Disease

PHC 6520 3 Foodborne Diseases

PHC 6523 3 Food Safety

PHC 6353 3 Environ. Toxicology and Risk Assessment

**Electives - 9 hours minimum**

Suggested Electives Related to Food Safety:

PHC 6307 3 Principles of Exposure Assessment

PHC 6521 3 Public Health Nutrition

BSC 6932 3 Food Microbiology

ANG 6145 3 Ancient Diets

ANG 6566 3 Nutritional Anthropology

PHC 6310 3 Environ. and Occupational Toxicology

PHC 6251 3 Disease Surveillance and Monitoring

PHC 6562 3 Microbiology for Healthcare Workers

**Field Experience – 1 hours minimum**

PHC 6945 1-3 Supervised Field Experience (up to 12 credits)

Students with little or no professional experience: 3 hours minimum. Students with two or more years of professional experience in an environmental health field or as an environmental health educator: 1 hour minimum

**GLOBAL COMMUNICABLE DISEASES (TCD)**

**Offered from the Department of Global Health**

This concentration provides an opportunity for science-oriented students with an interest in communicable diseases to receive specialized training in the recognition, identification, diagnosis, surveillance, control, and prevention of public health problems related to communicable diseases throughout the world, with particular emphasis on the problems of Florida and underdeveloped nations.. Preference for admission is given to students with a background or demonstrated skills in the biological sciences. Prerequisites may be required.

Students graduating from the program will receive training within five core domains which are central to the study of global communicable disease: 1) Tropical and Emerging Infections 2) Microbiology 3) Immunology and Genetics and 4) Public Health Interventions and Disease Control and 5) Applied Global Communicable Disease. In addition to the MPH Core Courses students will be reouired to take a minimum of one course from within each domain. Students will then work with their facultv advisor to select a more narrow focus for elective course offerings. It is anticipated that students will take all of the courses within their specific domain of Interest.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: Biology, Zoology, Microbiology, Immunology
* Prerequisite undergraduate courses: None. Suggested undergraduate courses include general chemistry with laboratory, biology or zoology with laboratory, microbiology with laboratory, biochemistry with laboratory, immunology
* Work experience: None
* Other criteria: International applicants - TOEFL of 550 for paper-based instrument or 213 for computer-based instrument
* Substitutions: Applicants may substitute an MCAT mean score of 8 for the required GRE Scores

**Total Program requirements with this concentration - 46hours minimum**

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

Concentration Course Requirements –15 credit hours

Electives – 9 credit hours

Field Experience – 3 credit hours minimum

**Pre-requisites (Not included in program total hours) - 3 hours**

Public health course prerequisite:

HSC 4551 3 Survey of Human Diseases OR Equivalent education or work experience.

**Concentration Course Requirements - 15 hours**

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 7935 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 5933 3 Intro to GIS

*Immunology and Genetics and - 3 credits minimum*

PHC 6511 3 Public Health Immunology

PHC 6121 3 Vaccines

PHC 6934 3 Human Genomics in Public Health and Personalized Medicine

*Applied Global Communicable Disease* - *3 credits minimum*

PHC 6561 3 Lab Techniques in Public Health

PHC 6560 3 The Public Health Lab System

PHC 6934 3 Public Health GIS

**Electives - 9 hours**

Examples of common elective options.

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.

**Field Experience – 3 hours minimum**

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

**GLOBAL DISASTER MANAGEMENT AND HUMANITARIAN RELIEF (GDM)**

**Offered from the Department of Global Health**

The field of disaster management and humanitarian relief plays an important role in global health, especially in areas of armed conflict and natural disasters. With the increase in weapons of mass destruction, including nuclear and biological threats from terrorist groups and radical states, the need for formal training and education has increased. Local and international organizations, governments and United Nation agencies are in need of highly trained professionals to manage and direct programs to reduce the global public health threats that continue to plague us. Where and when the next tsunami or earthquake will strike, or how the next terrorist group will respond is unknown. But the logic behind professionally mitigating and preparing for one of these incidences places us in a stronger position to respond.

This concentration builds on the existing framework of the College of Public Health core courses, field experience and special project. Combining this framework with the existing disaster management and humanitarian courses will provide graduates with the ability to recognize, assess, implement and evaluate a global or local disaster.

**Concentration Admission Information**

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

* Science, engineering, management, administration, international, business, public health
* Work experience: None required; however disaster management or humanitarian assistance, especially in a global setting, will be considered when determining the number of credits required for the Field Experience.
* Other criteria: Two letters of recommendation
* Applicants that completed courses in either the Graduate Certificate in Disaster Management or in Humanitarian Assistance as a former non-degree seeking student may only transfer 12 credits into the M.P.H. program.

**Total Program requirements with this concentration - 46 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 –24 credit hours

Field Experience – 3 credit hours minimum

**Concentration Course Requirements - 24 hours**

PHC 6230 3 Foundations of Humanitarian Assistance

PHC 6231 3 Organizing Emergency Humanitarian Action

PHC 6232 3 From Emergency to Development and Prevention

PHC 6233 3 Current Challenges in the Humanitarian Field

PHC 6183 3 Overview of US & International Disaster Management

PHC 6185 3 Disaster Preparedness & Planning Concepts

PHC 6184 3 Disaster Recovery

PHC 6186 3 Public Health Emergencies in Large Populations

**Field Experience – 3 hours minimum**

PHC 6945 3-6 Supervised Field Experience (up to 12 credits)

**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. Students who choose to combine this program with the Peace Corps Master's International program will be able to obtain a long-term field placement experience that will enhance their marketability for employment.

**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)

**HEALTH CARE ORGANIZATIONS AND MANAGEMENT (HCO)**

**Offered from the Department of Health Policy and Management**

The Health Care Organizations and Management program is designed for individuals interested in the management of hospitals, group practices, health departments, and other provider organizations. The program focuses on the structure and management of health care organizations. Students develop knowledge and skills in management science, leadership, and decision-making. The curriculum does not require students to develop all health administration quantitative and analytic skill areas typically required of senior management positions.

**Concentration Admission Requirements:**

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

* Prerequisite undergraduate courses: Microeconomics or equivalent (prerequisite must be completed prior to enrolling in PHC 6430 Health Economics I) and Accounting (prerequisite must be completed prior to enrolling in PHC 6160 Health Care Financial Management) Undergraduate majors are diverse and include: Life sciences, social sciences, business, or health professions.
* Work experience: Preferred, but not required.
* Minimum undergrad GPA: 3.0 upper division (some exceptions made if GRE exceeds minimum requirements)
* Verbal GRE Score: 50th percentile preferred
* Quantitative GRE Score: 50the percentile preferred
* In lieu of the GRE, only applicants to the Department of Health Policy and Management may submit a minimum GMAT score of 500 for the MHA, or MPH .

**Total Program requirements with this concentration - 42 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 –18 credit hours

Electives – 4 credit hours minimum

Field Experience – 1 credit hour minimum

**Concentration Course Requirements- 18 hours minimum**

PHC 6151 3 Health Policy and Politics

PHC 6180 3 Health Services Management

PHC 6430 3 Health Economics I

PHC 6160 3 Health Care Financial Management

*Additional Requirements (choose two)*

PHC 6181 3 Org Behavior in Health Services

PHC 6148 3 Strategic Planning & Hlth Care Marketing

PHC 6196 3 Info Systems in Health Care Mgt

**Electives - 4 hours minimum**

Examples of common elective options:

PHC 6146 3 Health Services Planning and Evaluation

PHC 6147 2 Managing Quality in Health Care

PHC 6435 3 Perspectives on Health Insurance

PHC 6420 3 Health Care Law, Regulation and Ethics

**Field Experience – 1 hour minimum**

PHC 6945 1-3 Supervised Field Experience (up to 12 credits)

Students with little or no professional experience: 3 hours minimum. Students with relevant professional experience: 1-3 hours minimum. Students with substantial work experience can negotiate a reduced number of hours with their advisor (e.g., 1 or 2 hours) if the student has meaningful experience (involving decision-making) in a health care or related organization

**HEALTH POLICIES AND PROGRAMS (HPP)**

**Offered from the Department of Health Policy and Management**

The MPH in Public Health Program with a Concentration in Health Policy and Programs is designed for individuals interested in development, analysis and evaluation of public policy for health services and public health programs. Students develop knowledge of theory and methods in policy analysis and program evaluation. Students are prepared to pursue policy analyst and program evaluation positions with federal, state or local agencies or with professional associations.

**Concentration Admission Requirements:**

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

* Prerequisite undergraduate courses: Microeconomics or equivalent (prerequisite must be completed prior to enrolling in PHC 6430 Health Economics I) Undergraduate majors are diverse and include: Life sciences, social sciences, business, or health professions.
* Work experience: Preferred, but not required.
* Minimum undergraduate GPA: 3.00 upper division
* Verbal GRE Score: 50th percentile preferred
* Quantitative GRE Score: 50th percentile preferred
* In lieu of the GRE, only applicants to the Department of Health Policy and Management may submit a minimum GMAT score of 500 for the MHA or MPH.

**Total Program requirements with this concentration - 42 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 –15 credit hours

Electives – 7 credit hours minimum

Field Experience – 1 credit hour minimum

**Concentration Course Requirements - 15 hours minimum**

PHC 6151 3 Health Policy and Politics

PHC 6430 3 Health Economics I

PHD 6760 3 Research Methods in Public Health Programs

***Choose one of the following:***

PHC 6420 3 Health Care Law, Regulation, and Ethics

PHC 6421 3 Public Health Law & Ethics

***Additional Requirements (choose one of the following)***

PHC 6063 3 Public Health Data, Informaiton & Decision Making

PHC 6435 3 Comparative Health Insurance Systems

**Electives - 7 hours**

Examples of common elective options

PHC 6104 3 Management of Public Health Programs

PHC 6148 3 Strategic Planning and Health Care Marketing

**Field Experience – 1 hour minimum**

PHC 6945 1-3 Supervised Field Experience (up to 12 credits)

Students with little or no professional experience: 3 hours minimum. Students with relevant professional experience: 1 hour minimum. Students with substantial work experience can negotiate a reduced number of hours with their advisor (e.g., 1 or 2 hours) if the student has meaningful experience (involving decision-making) in a health care or related organization

**HEALTH, SAFETY AND ENVIRONMENT (HLE)**

**Offered from the Department of Environmental and Occupational Health**

**Total Program requirements with this concentration - 43 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 –16 credit hours

Electives – 5 credit hour minimum

Field Experience – 3 credit hour minimum

**Concentration Course Requirements - 16 hours minimum**

PHC 6307 3 Principles of Exposure Assessment and Control

PHC 6300 3 Principles of Environmental Health

PHC 6325 3 Environmental Laboratory Principles

PHC 7931 1 Interdisciplinary Seminar: Case studies in EOH

and 2 of the following 3 courses:

PHC 6345 3 HSE Management and Administration

PHC 6355 3 Principles of Occupational Safety

PHC 6380 3 Global Issues in Environment and Health

**Electives - 5 hours**

Approved electives: Other electives may be approved by the assigned advisor.

PHC 6310 3 Environmental and Occupational Toxicology

PHC 6353 2 Environmental Toxicology Risk Assessment

PHC 6350 3 Occupational Toxicology and Risk Asssessment

PHC 6523 3 Food Safety

PHC 6186 3 Public Health Emergencies in Large Populations

**Field Experience – 3 hour minimum**

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

**INFECTION CONTROL (IFC)**

**Offered from the Department of Global Health**

**Total Program requirements with this concentration - 46 hours**

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

Concentration Course Requirements –18 credit hours

Electives – 6 credit hour minimum

Field Experience – 3 credit hour minimum

**Concentration Course Requirements - 18 hours minimum**

PHC 6251 3 Disease Surveillance and Monitoring

PHC 6562 3 Microbiology for Healthcare Workers

PHC 6517 3 Infectious Disease Prevention Strategies

PHC 6314 3 Infection Control Program Design

PHC 6186 3 Public Health Emergencies in Large Populations

An additional concentration course will be included from the College of Public Health; student must choose one from the two courses listed below:

PHC 6002 3 Infectious Disease Epidemiology

OR

PHC 6190 3 Public Health Database Management

*Depending upon student assessment results*

**Electives - 6 hours**

Electives from within the College of Public Health, based upon student assessment, and aprpoved by assigned advisor:

Examples include but are not limited to the following:

CFH PHC 6530 Maternal and Child Health I: Issues and Concepts

EOH PHC 6934 Exposure Assessment and Control

EOH PHC 6934 Introduction to Occupational Safety

EOH PHC 6350 Occupational Toxicology and Risk Assessment

EOH PHC 6373 Protecting Public Health: Bioterrorisma nd Biodefense

EOH PHC 6556 Pathobiology of Human Diease I

EPB PHC 6074 Epidemiology of Diseases of Major Prublic Health Importance

EPB PHC 6591 Reproductive and Perinatal Epidemiology

HPM PHC 6104 Management of Public Health Programs

HPM PHC 6110 International Health and Health Care Systems

HPM PHC 6195 Public Health Data, Information and Decision Making

**Field Experience – 3 hour minimum**

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

**MATERNAL AND CHILD HEALTH (PMC)**

**Offered from the Department of Community and Family Health**

The MPH in Public Health with a Concentration in Maternal and Child Health prepares health professionals and individuals in related fields for leadership roles in community based organizations that focus on major public health problems of women, children and families, especially among culturally diverse and underserved populations. Using multidisciplinary approaches, students develop analytical, advocacy, programmatic and evaluative skills to address health disparities, and to emphasize health promotion and disease prevention among populations in need.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: Undergraduate majors may be admitted from a wide range of backgrounds, although majors from the health sciences such as nursing, social work, counseling, pre-med, the natural sciences are desirable.
* Work experience: Work experience in the field of public health, health or natural sciences, counseling, communications, social work, etc. is considered extremely desirable.
* Minimum undergrad GPA: 3.0 in upper division courses
* GRE preferred minimum: 58th verbal percentile, 25th quantitative percentile
* Other criteria: Three letters of recommendation from academic and/or related professional sources,career goals statement

**Total Program requirements with this concentration - 44 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 –16 credit hours

Electives – 6 credit hour minimum

Field Experience – 3 credit hour minimum

**Concentration Course Requirements - 16 hours**

PHC 6530 3 Maternal and Child Health I: Issues and Concepts

PHC 6537 3 Maternal and Child Health II: Case Studies in MCH Program Policies & Research

PHC 6197 3 Secondary Data Analysis in Maternal and Child Health

PHC 6505 3 Program Planning in Community Health

PHC 6724 1 Synthesizing Public Health Research

PHC 6708 3 Evaluation and Research Methods in Community Health

**Electives - 6 hours**

**Examples of common elective options**

PHC 6523 3 Policies and Practices in Maternal and Child Nutrition

PHC 6532 3 Women’s health Issues in Public Health

PHC 6590 3 Reproductive Health Trends and Issues

PHC 6535 3 International Maternal and Child Health

PHC 6414 3 Adolescent Health

PHC 6934 3 Selected Topics in Maternal Child Health

**Field Experience – 3 hour minimum**

PHC 6945 3-6 Supervised Field Experience (up to 12 credits)

Students with little or no professional experience: 6 hours minimum. Students with relevant professional experience: 3 hours minimum. An expectation of 2-3 years of experience in an MCH-related clinical background or agency constitutes the term “previous professional experience” worthy of lesser field experience. Documentation required if less than 6.

**OCCUPATIONAL HEALTH (OCC)[[4]](#footnote-4)**

**Offered from the Department of Environmental and Occupational Health**

Note: The MPH in Public Health with a Concentration in Occupational Health is only available to dual MS Nursing Students or qualified health professionals.

The principal concerns of the occupational health professional are: the worker; the work environment and chemical, physical, and ergonomic and biological agents in the workplace. The curriculum is interdisciplinary in nature and scope, addressing topics in these broad areas. The MPH in Public Health with a Concentration in Occupational Health is a 45 credit program designed for either physicians in practice who are interested in the residency but can not spend 2 years away from their practice (They complete their MPH first while maintaining their practice and then spend only 1 year in the clinical residency program), or for other practicing health professionals.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: A clinical degree required e.g. medicine, nursing, physical therapy, occupational therapy
* Prerequisite undergraduate courses: Science related courses used in preparation for clinical professional degree
* Work experience: Two years of clinical experience preferred
* Minimum undergrad GPA: 3.0 in last 60 hours of undergraduate degree
* Other criteria: Two letters of recommendation, computer skills, resume, goal statement

**Total Program requirements with this concentration - 43 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 –13 credit hours

Electives – 10 credit hour minimum

Field Experience – 1 credit hour minimum

Note: NGR 6638 Health Promotion Theories and Strategies Across the Lifespan will substitute for the PHC 6410 core course for dual nursing MS/MPH students. During 2nd semester meet with advisor and begin planning field experience. See <http://health.usf.edu/publichealth/academicaffairs/fe/>

**Concentration Course Requirements - 13 hours**

PHC 6356 2 Industrial Hygiene

PHC 6423 2 Occupational Health Law

PHC 6351 3 Occupational Medicine for Health Professionals

PHC 6360 2 Safety Management Principles and Practice

PHC 6354 2 Occupational Health and Safety Administration

PHC 6364 2 Plant Operations Interdisciplinary Field Experience

**Electives - 10 hours**

Examples of common elective options:

PHC 7019 3 Occupational Epidemiology

PHC 6180 3 Health Services Management

ENV 5345 3 Solid Waste Control

PHC 6422 2 Environmental Health Law

**Electives for Dual Nursing MS/MPH (Nursing Courses counting toward MPH) - 8 hours**

**Nursing Courses counting toward MPH**

NGR 6650 2 Occupational Health Nursing I

NGR 6651 2 Occupational Health Nursing II

NGR 6152 4 Advanced Physiology and Pathophysiology

**Field Experience – 1 hour minimum**

PHC 6945 1-6 Supervised Field Experience (up to 12 credits)

(Dual Nursing M.S./M.P.H. take PHC 6291 instead)

Students with little or no professional experience (one year or less) in occupational health: at least three credits, preferably 6 credits minimum. Students with relevant professional experience: 1 hour minimum. Dual Nursing M.S./M.P.H. Students Only: PHC 6291 Health Management of Adults and Older Adults: Special Topics- Occupational Health Nursing - 6

**OCCUPATIONAL HEALTH FOR NURSES ( )**

**Offered from the Department of Environmental and Occupational Health**

**Total Program requirements with this concentration - 42 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 –17 credit hours

Field Experience – 6 credit hour minimum

**Concentration Course Requirements - 17 hours**

PHC 6356 2 Industrial Hygiene

PHC 6423 2 Occupational Health Law

PHC 6351 3 Occupational Medicine for Health Professionals

PHC 6360 2 Safety Management Principles and Practice

PHC 6354 2 Occupational Health and Safety Administration

PHC 6364 2 Plant Operations Interdisciplinary Field Experience

**Nursing Courses Counting Toward MPH**

NGR 6650 2 Occupational Health Nursing I

NGR 6651 2 Occupational Health Nursing II

**Field Experience – 6 hour minimum**

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

(Occupational Health Nursing)

**OCCUPATIONAL SAFETY (SFM)**

**Offered from the Department of Environmental and Occupational Health**

The Occupational Safety Concentration is intended for students with backgrounds in science or engineering seeking a professional public health career in occupational safety. In addition to core public health courses, the program builds upon a variety of courses enabling the student to recognize, evaluate and control existing and potential safety hazards due to faulty equipment, process design, chemical storage and handling. Students are trained to apply these safety principles in assessing engineering controls, personal protective techniques, administrative practices, conducting facility audits and to know when to consult with other environmental and occupational health and safety professionals to prevent or control work related injuries, illnesses or discomfort in the workplace. The program is a collaborative effort between the College of Public Health and the College of Engineering.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: science, engineering, technology and management.
* Prerequisite undergraduate courses: No specific courses, however 60 credit hours of science, mathematics, engineering and technology with at least 15 credit hours in upper division classes.
* Work experience: None required; however occupational work experience is beneficial.
* Other criteria: Two Letters of recommendation

**Total Program requirements with this concentration - 44 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 –20 credit hours

Electives – 4 credit hour minimum

Field Experience – 1 credit hour minimum

**Concentration Course Requirements - 20 hours**

PHC 6356 2 Industrial Hygiene

PHC 6310 3 Environmental and Occupational Toxicology

PHC 6361 2 Industrial Ergonomics

PHC 6354 2 Safety and Health Administration

PHC 6423 2 Occupational Health Law

EIN 6215 3 Engineering System Safety

EIN 6216 3 Occupational Safety Engineering

PHC 6360 2 Safety Management Principles and Practice

PHC 6930 1 Public Health Seminar

**Electives - 4 Hours**

PHC 6303 3 Community Air Pollutions

PHC 6350 3 Occupational Toxicology and Risk Assessment

PHC 6351 2 Occupational Medicine for Health Professionals

PHC 6422 2 Environmental Health Law

PHC 6364 2 Industrial Hygiene Aspects of Plant Operations

INP 6056 3 Industrial/Organizational Psychology

INP 7937 3 Occupational Health Psychology

**Field Experience – 1 hour minimum**

PHC 6945 1-3 Supervised Field Experience (up to 12 credits)

Students with little or no professional experience: 3 hours minimum. Students with relevant professional experience: 1 hour minimum working in or associated with an occupational health and safety function with orientation in the recognition, evaluation and control of occupational hazards and disease for at least a year.

**Comprehensive Exam**

In addition to the Comprehensive Exam required by the College, there is a Concentration Exam

(no credit, 2 credit hours enrollment requirement).

Comprehensive Exam

Concentration Exam (no credit, 2 credit hours enrollment requirement)

**PUBLIC HEALTH ADMINISTRATION (PHA)**

**Offered from the Department of Health Policy and Management**

The MPH in Public Health Administration program is designed for individuals interested in pursuing leadership and administrative positions in public health agencies or programs or in other initiatives focused on population health. The curriculum centers on management principles and methods to advance the health of communities. Students develop knowledge and skills in public health, management and planning, law and ethics, and financial management.

**Concentration Admission Requirements:**

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

* Undergraduate majors are diverse and include: Life sciences, social sciences, business, or health professions.
* Prerequisite undergraduate course: Accounting (prerequisite must be completed prior to enrollment in PHC 6160 Health Care Financial Management)
* Work experience: Two years of full-time, meaningful work experience in a health care or related organization are required.
* Minimum undergrad GPA: 3.0 upper division (some exceptions made if GRE exceeds minimum requirements)
* Verbal GRE Score: 50th percentile preferred
* Quantitative GRE Score: 50th percentile preferred
* In lieu of the GRE, only applicants to the Department of Health Policy and Management may submit a minimum GMAT core of 500 for the MHA or MPH.

**Total Program requirements with this concentration - 42 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 –14 credit hours

Electives – 8 credit hour minimum

Field Experience – 1 credit hour minimum

**Concentration Course Requirements - 14 hours minimum**

PHC 6146 3 Health Services Planning and Evaluation

PHC 6147 2 Managing Quality in Health Care

PHC 6160 3 Health care Financial Management

PHC 6421 3 Public Health Law and Ethics

PHC 6063 3 Public Health Data, Informaton and Decision Making

**Approved Electives - 8 hours**

**Field Experience – 1 hour minimum**

PHC 6945 1-3 Supervised Field Experience (up to 12 credits)

Students with little or no professional experience: 3 hours minimum. Students with substantial work experience can

negotiate a reduced number of hours with their advisor (e.g., 1 or 2 hours) if the student has meaningful experience

(involving decision making) in a health care or related organization

**PUBLIC HEALTH EDUCATION (PHN)**

**Offered from the Department of Community and Family Health**

Health educators, using health promotion principles, assist individuals and communities in the adoption and maintenance of healthy lifestyles. This MPH program prepares health educators to collect and analyze data to identify diverse community needs prior to planning, implementing, monitoring and evaluating health promotion programs; communicate health and health promotion needs; and plan, implement and evaluate health promotion programs using ethical standards and theoretical frameworks and models. The curriculum helps students acquire relevant theoretical and practical knowledge in diverse fields of endeavor, such as the social and behavioral sciences, communication dynamics, educational theory and design, and community organization. Students who complete a degree in public health education are eligible to sit for the national Certified Health Education Specialist (CHES) examination.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: Undergraduate majors may be admitted from a wide range of backgrounds, although majors from nursing, the natural sciences, psychology, sociology, anthropology, and education are desirable.
* Work experience: Work experience in the field of public health and health education is appropriate, but not necessary.
* Minimum undergrad GPA - 3.0 GRE preferred minimum: 58th verbal percentile, 25th quantitative percentile
* Three letters of recommendation from academic and/or related professional sources.
* Career goal statement

**Total Program requirements with this concentration - 46** **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 –18 credit hours

Electives – 3 credit hours minimum

Field Experience – 6 credit hours minimum

**Concentration Course Requirements - 18 hours**

HSC 5036 1 Professional Foundations of Health Ed

PHC 6500 4 Theoretical and Behavioral Basis for Health Ed

PHC 6505 3 Program Planning in Community Health

PHC 6507 3\* Health Education Intervention Methods

PHC 6724 1 Synthesizing Public Health Research

PHC 6412 3 Health Disparities and Social Determinants

PHC 6708 3 Evaluation and Research Methods in Community Health

**Health Education Support/Elective – 3 hours minimum**

Examples of common elective options

HSC 5036 1 Professional Foundations

PHC 6580 3 Prevention and Control of Unintentional Injuries

PHC 6193 3 Qualitative Methods in Community Health Research

PHC 6411 3 Introduction to Social Marketing for Public Health

PHC 6414 3 Adolescent Health

PHC 6500 4 Theoretical and Behavioral Basis for Health Ed

PHC 6506 Community Health Education

PHC 6507 3\* Health Education Intervention Methods

PHC 6533 Health Program Development and Change Process

PHC 6705 3 Formative Research Methods in Social Marketing

PHC 6725 3 Focus Group Research Strategies

PHC 6708 3 Evaluation Methods in Community Health

PHC 6715 3 Research Foundations in Public Health

PHC 6934 1-6 Health Message Design in Public Health

\*Students must take PHC 6500 and PHC 6505 prior to PHC 6507

**Field Experience – 6 hour minimum**

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

Students with little or no professional experience: 6 hours minimum. Students with relevant professional experience: minimum 6 hours; in this case we try to find field experience in which the student lacks experience

**PUBLIC HEALTH PRACTICE (PHP)[[5]](#footnote-5),[[6]](#footnote-6)**

**Offered as a College Wide Program**

The Master of Public Health with a Concentration in Public Health Practice is a college-wide interdisciplinary program designed to pepare experienced health professionals to assume leadership roles as members of multidisciplinary teams so that they are able to develop, implement, and evaluate programs that have an impact on the health of the public. The Public Health Practice MPH provides a broad spectrum of skills and knowledge important for effective health professionals working in public health settings. Students in the program will gain skills related to: public health practice; epidemiology; program analysis and inference from data; development of programs that take into account cultural, social, economic, ethical and legal factors; community-based health policy and program planning; and budgeting and management.

The MPH in Public Health with a Concentration in Public Health Practice is offered in two formats: Online MPH Program via distance learning and Executive Weekend MPH program. The Online MPH via distance learning is primarily intended for off-campus students who are unable to come to campus for their education. The Executive MPH Program is a unique and customized weekend program to serve the needs of the busy health care practitioner. Classes in this format are offered one weekend a month. Each program has specialized staff to assist students. The program includes:

* Five core discipline areas (Biostatistics, Environmental Health Sciences, Epidemiology, Health Policy Management, and Social and Behavioral Sciences)
* An integrated interdisciplinary, cross-cutting set of overall competency domains (Communication and Informatics, Diversity and Culture, Leadership, Professionalism, Program Planning, Public Health Biology, and Systems Thinking)

**Online MPH via Distance Learning**

The Online MPH via Distance Learning offers a convenient and affordable avenue for off-campus health care professionals to earn a Master’s degree through distance learning. The courses in the Online MPH in Public Health Practice are delivered using web-based technologies. With the help of skilled instructional designers, faculty create course content that is delivered using multimedia technologies such as the Internet, DVDs, CDs, videotape, streaming media, web-based tutorials, and so on. Faculty within these courses utilize email, web conferencing, discussion forums and virtual chat features to enhance instruction. Students can complete almost all degree requirements for the online MPH with minimal on-campus requirements of no more than one calendar week. Courses are available in the online format in the Fall, Spring and Summer semesters. The time required to complete the online MPH program ranges from approximately 2.5 to 5 years, depending on time of entry into the program, course sequence and availability, as well as student circumstances and academic status. Students must meet certain technology requirements and are required to pay a technology fee to participate in all online courses.

**Total Program requirements with this concentration – 44 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 minimum

Field Experience – 1 credit hour minimum

**Concentration Course Requirements - 12 hours**

PHC 6120 3 Community Partnerships and Advocacy

PHC 6421 3 Public Health Law and Ethics

PHC 6936 3 Public Health Capstone

Choose one of the following:

PHC 6104 3 Management of Public Health Programs

PHC 6146 3 Health Services Planning and Evaluation

**Electives - 12 hours**

Electives may be courses that apply towards a graduate certificate or from elective options.

**Field Experience – 1 hour minimum**

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

**Comprehensive Exam**

Part of Public Health Capstone

**SOCIAL MARKETING (SOM)**

**Offered in the Department of Community and Family Health**

Social Marketing integrates marketing concepts with other public health approaches to design products, promote policies, and influence behaviors for the greater social good. This MPH concentration equips students with the public health and social marketing skills needed to tackle complex health problems by applying marketing principles and social change tools to design, implement, and evaluate behavioral interventions and policy changes. The curriculum trains students in marketing and social change theoretical models, formative research skills, program management skills, program evaluation techniques, and ethical principles that guide social marketers. The program may be completed exclusively online or as a blend of courses offered on the Tampa campus and online.

**Concentration Admission Information**

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

1. Suggested/preferred undergraduate majors: Undergraduate majors may be admitted from a wide range of backgrounds, although majors from nursing, the natural sciences, psychology, sociology, anthropology, marketing, and education are desirable.
2. Work experience: Work experience in the field of public health and social marketing is appropriate, but not necessary.
3. Minimum undergrad GPA - 3.0
4. Verbal GRE score: minimum 500 (153 on new ETS scale)
5. Quantitative GRE score: minimum 550 (146 on new ETS scale)
6. Three letters of recommendation from academic and/or related professional sources.
7. Career goal statement

**Total Program requirements with this concentration - 43 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 –9 credit hours minimum

Field Experience – 3 credit hours minimum

**Concentration Course Requirements -12 hours**

PHC 6411 3 Introduction to Social Marketing

PHC 6705 3 Formative Research in Social Marketing

PHC 6974 3 Managing Social Marketing Programs

PHC 6461 3 Advanced Social Marketing

**Electives -** 9 **hours**

**Field Experience – 3 hour minimum**

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

**SOCIO-HEALTH SCIENCES (SHS)**

**Offered from the Department of Community and Family Health**

The MPH in Public Health with a Concentration in Socio - Health Sciences prepares students to apply the concepts and methods from social and behavioral sciences to public health research and practice in the areas of community needs assessment, analysis of the socio-behavioral context of health, development of culturally competent programs, evaluation of intervention outcomes, and formulation of social policies affecting health. Graduates are prepared for careers in public health agencies, educational settings, social and family services, private voluntary organizations, research and consulting firms, and health-related industries. Examples of focus areas include social determinants of health, ethnographic and qualitative research, health needs of special populations, and community-based interventions.

**Concentration Admission Information**

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

* Suggested/preferred undergraduate majors: Undergraduate majors may be admitted from a wide range of backgrounds, although majors from the social and behavioral sciences (psychology, sociology, social work, anthropology, education) and the health sciences (nursing, pre-med, allied health) are especially appropriate.
* Prerequisite undergraduate courses: There are no prerequisites that are required, although courses from the above list of undergraduate majors are desirable
* Work experience : Work experience in the field of public health, health, psychology, nursing, counseling, education, social work, etc. is considered extremely desirable
* Minimum undergrad GPA 3.0 in upper division course work
* GRE preferred minimum: 58th Verbal Percentile, 25th Quantitative Percentile
* Three letters of recommendation from academic and/or related professional sources.
* Career goals statement.

**Total Program requirements with this concentration - 44 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 –13 credit hours

Electives –9 credit hours minimum

Field Experience – 3 credit hours minimum

**Concentration Course Requirements - 13 hours**

PHC 6412 3 Health Disparities and Social Determinants

PHC 6505 3 Program Planning in Community Health

PHC 6708 3 Evaluation and Resesarch Methods in Community Health

PHC 6724 1 Synthesizing Public Health Research

PHC 6931 3\* Adv. Seminar in Social and Behavioral Sciences Applied to Health

\*students must take PHC 6410 Social and Behavioral Sciences Applied to Health as a Pre-requisite to the PHC 6931 course.

**Electives - 9 hours minimum**

***Suggested Support Courses (Select 3 to equal 9 credits)***

PHC 6193 3 Qualitative Methods in Community Health Research

SYP 6008 3 Social Problems, Identity and Community

PHC 6413 3 Family and community Violence in Public Health

PHC 6418 3 Public Health and Aging

PHC 6419 3 Global Issues in Community and Family Health

ANG 6469 3 Selected Topics in Medical Anthropology

PHC 6411 3 Introduction to Social Marketing

PHC 6532 3 Women’s Health Issues in Public Health

PHC 6240 3 Cultural Competency in Chlldren’s Mental Health

PHC 6536 3 Population and Community Health

PHC 6543 3 Foundations in Behavioral Health Systems

PHC 7417 3 Family Systems and Public Health

**Field Experience – 3 hour minimum**

PHC 6945 3-6 Supervised Field Experience (up to 12 credits)

Students with little or no professional experience: 6 hours minimum; Students with relevant professional experience: 3 hours minimum. *(Professional experience would include supervised work at a mental health, alcohol, or drug abuse agency in a variety of special areas with behavioral health services. These experiences might include work and programming planning, program evaluation, community prevention and education, etc.)*

**TOXICOLOGY AND RISK ASSESSMENT (TXY)**

**Offered from the Department of Environmental and Occupational Health**

This concentration area will provide a broad foundation in the biomedical sciences with general training in toxicology. The program is designed with a balanced curriculum in the areas necessary for understanding the response of organisms to chemical insult and to introduce individuals in the research approaches necessary for the evaluation of these responses. Students will be able to make decisions on the basis of available research findings on potential chemical hazards for humans and animals and to adapt to a rapidly growing body of new knowledge in toxicology.

**Concentration Admission Information**

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

* Public health course prerequisites: College requires HSC 4551 Survey of Human Diseases or comparable course for students who do not have public health or biology courses or experience.
* Suggested/preferred undergraduate majors: Sciences such as biology, chemistry, physics, and environmental science.
* Prerequisites undergraduate courses: Courses in biology and chemistry.
* Work experience: Not required.
* Minimum undergrad GPA: 3.0.
* GRE score may be substituted with an MCAT Score averaging 8 or higher.
* Other criteria: TOEFL Score (International Students) 550.

**Total Program requirements with this concentration - 44 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 –23 credit hours

Field Experience – 2 credit hours minimum

**Prerequisite (Not included in program total hours) - 3 hours**

HSC 4551 3 Survey of Human Diseases

**Concentration Course Requirements - 23 hours**

HSC 6556 3 Pathobiology of Human Disease I

PHC 6353 3 Environmental Toxicology and Risk Assessment

PHC 6310 3 Environmental and Occupational Toxicology

PHC 6359 3 Xenobiotic Metabolism in Environmental and Occupational Health

PHC 6369 2 Industrial Toxicology

PHC 6350 3 Occupational Toxicology and Risk Assessment

PHC 6934 2 Special Topics in Public Health

PHC 6930 1 Public Health Seminar

HSC 6557 3 Pathobiology of Human Disease II

**Field Experience – 2 hour minimum**

PHC 6945 2-3 Supervised Field Experience (up to 12 credits)

Students with little or no professional experience: 3 hours minimum. Students with relevant professional experience: 2 hours minimum. Has worked as a professional in the field of toxicology for a period of at least one year constitutes the term "relevant professional experience" and is worthy of lesser field experience.

For information on program requirements, refer to the college website: [www.publichealth.usf.edu](http://www.publichealth.usf.edu)

**OTHER INFORMATION**

**Certificate Programs:**

(for information click on the graduate certificates at

<http://www.usf.edu/innovative-education/programs/graduate-certificates/>

**COURSES**

See <http://www.ugs.usf.edu/course-inventory/>

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)
4. Only available to dual M.S. Adult Nursing Students [↑](#footnote-ref-4)
5. Requires 3 years of health-related experience [↑](#footnote-ref-5)
6. Offered (1) executive program and (2) online [↑](#footnote-ref-6)