**Public Health program**

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

**DEGREE INFORMATION**

**Program Admission Deadlines:**

Domestic Applicants:

Fall: May 1

Spring: September 15Summers: January 15

International Applicants:

Fall: May 1\*

Spring: September 15

Summer: January 15

*\* Global Communicable Disease admit in fall term only.*

**Minimum Total Hours:** 42

**Program Level:** Masters

**CIP Code:** 51.2299

**Dept Code:** DEA

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

**Approved** 2002

**Concentrations and total hours for the Program with that concentration:**

Behavioral Health (PBH) - 44

Bioinformatics (PBF) – is being terminated

Biostatistics (PBC) - 45

Environmental Health (PEH) - 42

Epidemiology (PEY) - 48

Global Communicable Disease (PGD) - 42

Industrial Hygiene (PIH) - 47

International Public Health Research, Policy and Planning (PIP) - 42

Maternal and Child Health (PMH) - 44

Occupational Health (POH)[[1]](#footnote-1) - 46

Occupational Medicine Residency (POM) - 46

Occupational Safety (POS) - 46

Public Health Education (PPD) - 44

Socio-Health Sciences (PSH) - 44

Toxicology and Risk Assessment (PTX) - 44

**CONTACT INFORMATION**

**College:** Public Health

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

**PROGRAM INFORMATION**

**Program Information**

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. 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 certificate programs, 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 and the Applied Science Accreditation Commission of ABET, [http://www.abet.org](http://www.abet.org/)..

**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:

* shall have earned an undergraduate degree from an accredited institution;
* shall have earned a "B" average (3.00 on a 4 point scale) or better in all work attempted while registered as an upper division student working toward a baccalaureate degree; AND
* Prefer Graduate Record Exam (GRE) minimums of 44th Verbal percentile, 25th Quantitative percentile.\*\*
* 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 M.S.P.H.
* An MCAT score may be submitted in lieu of the GRE. A mean of 8 is required. The Department of Epidemiology and Biostatistics and the Department of Health Policy and Management do not accept MCAT scores for M.S.P.H. degrees.

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

\*\* NOTE: Some Concentrations may prefer higher GRE subscores.

**DEGREE PROGRAM REQUIREMENTS**

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

Core Requirements – 9 hours

Concentration Course Requirements – 27 hours (varies by concentration, includes research courses and electives)

Thesis - 6 hours minimum

**Program Core Requirements - 9 hours**

PHC 6000 3 Epidemiology

PHC 6050 3 Biostatistics I\*

Choose one

PHC 6357 3 Environmental and Occupational Health

PHC 6102 3 Principles of Health Policy and Management

PHC 6410 3 Social and Behavioral Sciences Applied to Health

\*Students in the Biostatistics M.S.P.H. program 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. Some concentrations require completion of all five core courses – see the specific concentration of interest for information.

**Concentrations – 27 hours minimum (including Research Hours and Electives)**

Students select from one of the concentrations listed on the following pages. The Concentration section includes Concentration Course Requirements, required Research courses, Electives, and any concentration specific requirements for the Comprehensive Exam .

**Research Courses - 9 credit hours minimum**

**S***pecific course requirements listed with the Concentration*

**Electives**

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

**Thesis – 6 hours**

PHC 6971 6 Thesis

**Comprehensive Exam**

Must be registered for at least 2 credit hours of coursework. Comprehensive exam or thesis proposal defense may be used in lieu of the comprehensive exam

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**MSPH in Public Health CONCENTRATION OPTIONS**

Students select from the Concentrations listed on the following pages.

**BEHAVIORAL HEALTH (PBH)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisite: None
* Suggested/preferred undergraduate majors: Social or Behavioral Sciences, International Studies, Women Studies, Public Health, Regional Studies (i.e., Latin America and Caribbean) and Health Sciences.
* Prerequisite undergraduate courses: None

• Work experience: some public health experience preferred but not required

•

• GRE preferred minimum: 58th Verbal percentile, 25th quantitative percentile

• Three letters of recommendation from academic and/orrelated professional sources, goal statement

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

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 12 credit hours

Research Courses – 9 credit hours

Electives – 8 credit hours

**Concentration Course Requirements - 12 hours**

Required Specialization Area Courses: Courses depend on the area of specialization.

**Research Courses - 9 credit hours**

PHC 6051 3 Biostatistics II

Two Research Methods courses as determined by advisory committee

**Elective Courses - 8 hours**

Examples of common options are:

SYA 6204 Social Problems, Identity and Community

ANG 6469 Selected Topics in Medical Anthropology

PHC 6536 Population and Community Health

PHC 6411 Introduction to Social Marketing for Public Health

PHC 6708 Evaluation and Research Methods in Community Health

**Comprehensive Exam**

Comprehensive exam or thesis proposal defense may be used in lieu of the comprehensive exam

**BIOINFORMATICS (PBF) –** *Being Terminated*

**BIOSTATISTICS (PBC)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisites:
* HSC 4551 Survey of Human Diseases
* PHC 4101 Introduction to Public Health
* Or an equivalent course is required for student who lack training in public health or biological sciences.
* Suggested/preferred undergraduate majors: Mathematics, statistics, computer sciences, natural sciences, biological sciences, medical sciences, environmental sciences, management information systems.
* Prerequisite undergraduate courses: Linear algebra, calculus, computer skills (e.g. operating system, internet, word processing, spread sheet)
* Work experience: Prior work experience is preferred, but not required.
* GRE preferred minimum: 44th verbal percentile, 33rd quantitative percentile
* 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 – 45 hours minimum**

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 9 credit hours

Research Courses – 9 credit hours

Electives – 12 credit hours

**Concentration Course Requirements – 18 hours (**includes 9 hours of research courses**)**

PHC 6053 3 Categorical Data Analysis

HSC 6055 3 Survival Analysis

PHC 6010 3 Epidemiology Methods I

PHC 6060 3 Biostatistical Case Studies and Consulting I

PHC 6020 3 Design & Conduct of Clinical Trials

PHC 6051 3 Biostatistics II

**Elective Courses - 12 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 6061 Biostatistical Case Studies and Consulting II

PHC 6701 Computer Applications for Public Health Researchers

PHC 6190 Public Health Database Management

PHC 6934 Linear Model Analysis of Health Data

PHC 7053 Generalized Liner Models

PHC 7056 Longitudinal Data Analysis

STA 6746 Multivariate Analysis

PHC 6907 Independent Study

**Comprehensive Exam**

Comprehensive exam or thesis proposal defense may be used in lieu of the comprehensive exam

**ENVIRONMENTAL HEALTH (PEH)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisites:
* PHC 4101 Introduction to Public Health and
* HSC 4551 Survey of Human Disease, or equivalent courses or experience.
* 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.
* 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 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 9 credit hours

Research Courses – 9 credit hours

Electives – 9 credit hours

**Concentration Course Requirements- 18 hours (**includes 9 hours of research courses**)**

PHC 6301 3 Water Pollution and Treatment

PHC 6310 3 Environmental Occupational Toxicology

PHC 6303 3 Community Air Pollution

PHC 6512 3 Vectors of Human Disease

PHC 6356 2 Industrial Hygiene (*or approved course*)

PHC 6051 3 Biostatistics II

PHC 6930 1 Public Health Seminar

**Elective Courses - 9 hours**

Examples of Electives Related to Environmental Health:

PHC 6701 3 Computer Applications for Public Health Researchers

PHC 6510 3 Exotic & Emerging Infectious Diseases

PHC 6934 3 Water Resources Management Principles

PHC 6353 2 Environmental Risk Assessment

PHC 6313 2 Indoor Environmental Quality

PHC 6934 1 Water & Wastewater Analysis Laboratory

**Comprehensive Exam**

Comprehensive exam or thesis proposal defense may be used in lieu of the comprehensive exam

**EPIDEMIOLOGY (PEY)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

• Public health course prerequisites:

For students who lack training in public health or biological/life sciences

• HSC 4551 Survey of Human Disease

• PHC 4101 Introduction to Public Health

• Suggested/preferred undergraduate majors: Public health, social sciences, natural sciences, biology, nursing, medicine, dentistry, veterinary medicine, pharmacology, gerontology, allied health professions, environmental health, management information systems, mathematics, statistics, computer sciences.

• Prerequisite undergraduate courses: college algebra, basic computerskills (e.g. operating system, internet, word processing, spread sheet), human structure and function, human health biology or equivalent. Calculus is strongly recommended.

• Work experience: Prior work experience is preferred, but not required.

• Minimum undergrad GPA: 3.0 on a 4 point scale in the upper division coursework.

• GRE preferred minimum: 58th verbal percentile, 25th quantitative percentile.

• Other criteria: Academic background, goal statement, student’s academic interest, references and

availability of faculty and facility resources also are considered part of the entrance evaluation.

**Total Program Requirements with this concentration 48 hours minimum**

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 15 credit hours

Research Courses – 9 credit hours

Electives – 9 credit hours

**Concentration Course Requirements – 24 hours minimum** (includes 9 hours of research courses)

PHC 6701 3 Computer Applications for Public Health Researchers (CI)

PHC 6051 3 Biostatistics II (PR: PHC 6000, 6050, or CI)

PHC 6010 3 Epidemiology Methods I (PRE: PHC 6000 or CI)

PHC 6011 3 Epidemiology Methods II (PR: PHC 6000, 6010 or CI)

PHC 7703 3 Advanced Methods in Epidemiology (PR: PHC 6010, 6011, 60501, 6051, or CI)

PHC 6053 3 Categorical Data Analysis

HSC 6055 3 Survival Analysis

PHC 7935 3 Intermediate SAS (PR: PHC 6010, 6011, 6050, 6051, or CI)

**Elective Courses - 9 hours**

Two courses in Disease Epidemiology (6 hours)

One additional departmental elective (3 hours)

**Comprehensive Exam**

Comprehensive exam or thesis proposal defense may be used in lieu of the comprehensive exam

**GLOBAL COMMUNICABLE DISEASE (PGD)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Pre-requisites: HSC 4551 Survey of Human Diseases (3) OR Equivalent education or work experience
* Suggested/Preferred undergraduate majors: Biology, Zoology, Microbiology, Immunology
* Prerequisites undergraduate courses: None; Suggested undergraduate courses include general chemistry with laboratory, biology or zoology with laboratory, micorbiology with laboratory, biochemistry with laboratory, immunology
* Work Experience: None GRE preferred minimum: 44th verbal percentile, 39th quantitative percentile.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.
* Special Admission Requirements
  + - This Concentration area only admits students during fall semester
    - Preference for admission is given to students with a background or demonstrated skills in the biological sciences. Prerequisites may be required.
    - Previous research experience would be advantageous
    - A short statement (250 words or less) of research interestis require

**Total Program Requirements with this concentration - 42 hours minimum**

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 18 credit hours

Research Courses – 9 credit hours

**Concentration Course Requirements - 38 hours**

Suggested Concentration Courses

PHC 6002 Infectious Disease Epidemiology

PHC 6251 Disease Surveillance and Monitoring

PHC 6314 Infection Control Program Design

PHC 6510 Emerging Infectious Diseases

PHC 6511 Public Health Immunology

PHC 6512 Vectors of Human Diseases

PHC 6513 Public Health Parasitology

PHC 6514 Infectious Disease Control in Developing Countries

PHC 6517 Infectious Disease Prevention Strategies

PHC 6562 Microbiology for Healthcare workers

PHC 6930 1 Public health Seminar

PHC 6934 HIV in Public Health

PHC 6934 Intermediate Infectious Disease Epidemiology

PHC 6934 Food Safety

PHC 6037 Public Health Virology

PHC 7931 Adv Interdisciplinary Seminar in PH: Global Health Infectious Disease Research

**Required Research Methods Courses (defines MSPH research courses above)**

PHC 6051 3 Biostats II

PHC 6561 3 Laboratory Techniques in Public Health

PHC 6722 3 Laboratory Rotations in Global Health Research

**Comprehensive Exam**

Comprehensive exam or thesis proposal defense may be used in lieu of the comprehensive exam

**INDUSTRIAL HYGIENE (PIH)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

• Public health course prerequisites: None

• Suggested/preferred undergraduate majors: Science or engineering.

• Prerequisite undergraduate courses:No specific courses, however 63 credit hours of science,

mathematics, engineering and technology with at least 15 credit hours in upper division classes.

• Work experience: None required; however, occupational health related work experience is

beneficial.

• Minimum undergraduate GPA: Upper division GPA 3.0

• Other criteria: Three letters of recommendation.

**Total Program Requirements with this concentration - 47 hours minimum**

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Additional Required Core Courses – 6 credit hours

Concentration Course Requirements – 11 credit hours

Research Courses – 9 credit hours

Elective courses – 5 credit hours

Culminating Experience – 1 credit hour minimum

**Additional Required Core Courses - 6 hours**

(complete the two remaining Program Core Courses listed above)

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

**Concentration Course Requirements – 20 hours (Includes 9 hours of research courses\*)**

PHC 6356 2 Industrial Hygiene (PR: CI)

PHC 6358 2 Physical Agents – Assessment and Control (PR: CI)

PHC 6310 3 Environmental Occupational Toxicology (PR: CI)

PHC 6361 2 Industrial Ergonomics (PR: CI)

PHC 6365C 2 Analytical Method in Industrial Hygiene I (PR: CI)

PHC 6366C 2 Analytical Method in Industrial Hygiene II (PR: CI)

PHC 6423 2 Occupational Health Law (PR: PHC 6357 or CI)

PHC 6360 2 Safety Management Principles and Practices (PR: CI)

PHC 6362 2 Industrial Ventilation (PR: PHC 6356 or CI)

PHC 6930 1 Public Health Seminar

\*Because this is a practice program, Biostatistics II is not required

**Elective Courses - 5 hours**

Examples of elective:

PHC 6303 Community Air Pollution

PHC 6350 Occupational Health Risk Assessment

PHC 6351 Occupational Health

PHC 6422 2 Environmental Health Law

PHC 6364 2 Industrial Hygiene Aspects of Plant Operations

PHC 6313 2 Indoor Environmental Quality

PHC 6306 2 Radiation Health Principles

EIN 6216 Occupational Safety Engineering

PHC 7935 2 Biological Monitoring in Environmental Health

PHC 7368 2 Aerosol Technology in IH

EIN 6215 Engineering System Safety

PHC 7317 2 Risk Communication

PHC 7935 2 Physiology Topics for Environmental and Occupational Health Professionals

PHC 6369 2 Industrial Toxicology

PHC 6354 2 Safety and Health Administration

PHC 6051 Biostatistics II (Because this is a practice degree, Biostatistics II is not required)

**Culminating Experience – 1 credit hour minimum**

*See culminating experience below. This concentration requires a combined core comprehensive/concentration*

*exam.*

PHC 6945 1-3 Supervised Field Experience

* Students with little or no professional experience: 3 hours minimum
* Students with relevant professional experience (Full-time employment in the industrial hygiene field for a minimum of 1 year, or equivalent part-time experience): 1 hours minimum

**Comprehensive Exam**

**Special Option for Students in Industrial Hygiene MSPH**

Students in Industrial Hygiene must take the Comprehensive Core Exam. However, they may elect to be exempt from the Concentration Exam after successfully passing one of the following:

• American Board of Industrial Hygiene’s certification exam (CIH)

• Board of Certification for Safety Professionals (CSP core exam)

Students must bring a copy of their certification of passing the exam to their advisor and request that the advisor send a memo and a copy of the aforementioned certification to the College Dean for Academic and Student Affairs requesting a waiver of the Concentration Exam. Once approved, this memo and the copy of the certification will be forwarded to the student’s file.

**INTERNATIONAL PUBLIC HEALTH RESEARCH, POLICY AND PLANNING (PIP)**

**Total Program Requirements with this concentration – 42 hours minimum**

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 6 credit hours

Research Courses – 9 credit hours

Elective courses – 11 credit hours

Culminating Experience – 1 credit hour minimum

**Concentration Course Requirements- 6 hours**

PHC 6110 3 International Health and Health Systems (web)

PHC 6146 3 Health Planning and Evaluation (web)

**Research Courses – 9 hours**

PHC 6701 3 Computer Applications

PHC 6934 3 Ecology and Health

PHC 6051 3 Biostatistics II

**Elective Courses - 11 hours**

**Culminating Experience – 1 hour**

Interdisicplinary Research Seminar – 1 hour

**Comprehensive Exam**

**MATERNAL AND CHILD HEALTH** (PMH)

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisite: None
* Suggested/preferred undergraduate majors: Social or Behavioral Sciences, International Studies, Women Studies, Public Health, Regional Studies (i.e., Latin America and Caribbean) and Health Sciences.
* Prerequisite undergraduate courses: None
* Work experience: some public health experience preferred but not required
  + GRE preferred minimum: 58th verbal percentile, 25th quantitative percentile.
  + Three letters of recommendation from academic and/or related professional sources,  goal statement

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

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 12 credit hours

Research Courses – 9 credit hours

Elective courses – 8 credit hours

**Concentration Course Requirements - 12 hours**

Required Specialization Area Courses: Courses depend on the area of specialization.

**Elective Courses - 8 hours**

Examples of common electives are:

SYA 6204 Social Problems, Identity and Community

ANG 6469 Selected Topics in Medical Anthropology

PHC 6536 Population and Community Health

PHC 6411 Introduction to Social Marketing for Public Health

PHC 6708 Evaluation and Research Methods in Community Health

**Comprehensive Exam**

Comprehensive exam or thesis proposal defense may be used in lieu of the comprehensive exam

**OCCUPATIONAL HEALTH FOR HEALTH PROFESSIONALS**  (**POH)[[2]](#footnote-2)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisites: None required.
* Suggested/preferred undergraduate majors: Majors that prepared candidates for matriculation into medical school; undergraduate majors in other clinical disciplines, e.g. nursing, physical therapy, occupational therapy are acceptable.
* For residency program: Acceptance into the residency requires graduation from an approved medical school and completion of at least two years of clinical training in a primary care specialty. Consideration will also be given for resident applicants with considerable occupational medicine practice experience and only one year of residency training.
* Prerequisite undergraduate courses: Clinical courses associated with a clinical profession.
* Work experience:
  + - Residency Program: Two years of a primary care specialty residency program is preferred. Candidates with significant experience or skills will be considered with one year of primary care training.
    - Other health professionals: two years clinical experience preferred. Residency program or other physicians with a valid U.S. unrestricted medical license
    - Other health professionals 3.0 in last 60 credits of undergraduate program and a valid clinical license.
* GRE Score:
  + Residency Program: waived with documentation of unrestricted valid U.S. medical license.

Other health professionals: **Must meet MSPH minimums**

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

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Additional Required Core Courses – 6 credit hours

Concentration Course Requirements – 14 credit hours

Research Courses – 9 credit hours

Elective courses – 2 credit hours

**Additional Required Core Courses - 6 hours**

(complete the two remaining Program Core Courses listed above)

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

**Concentration Course Requirements – 23 hours (Includes 9 hours of research courses\*)**

PHC 6356 2 Industrial Hygiene

PHC 6351 3 Occupational Medicine for Health Professionals

PHC 6364 2 Industrial Hygiene Aspects of Plant Operations

PHC 6360 2 Safety Management Principles and Practices or other approved safety course

PHC 6930 4 Seminar in Occ. and Environmental Research (1 credit each semester for a minimum of 4 semesters)

PHC 6423 2 Occupational Health Law

PHC 6354 2 Safety and Health Administration

PHC 7019 3 Occupational Epidemiology

Select ONE of the following:

PHC 6310 3 Environmental/Occupational Toxicology

PHC 6350 3 Occupational Health Risk Assessment

**Elective Courses – 2 hours**

Examples of elective courses:

PHC 6350 3 Occupational Health Risk Assessment

PHC 6370 2 Biological and Surface Monitoring

PHC 6361 2 Ergonomics

**Comprehensive Exam**

This concentration requires a combined core comprehensive/concentration exam.

**OCCUPATIONAL MEDICINE RESIDENCY (POM)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisites: None required.
* Suggested/preferred undergraduate majors: Majors that prepared candidates for matriculation into medical school; undergraduate majors in other clinical disciplines, e.g. nursing, physical therapy, occupational therapy are acceptable.
* For residency program: Acceptance into the residency requires graduation from an approved medical school and completion of at least two years of clinical training in a primary care specialty. Consideration will also be given for resident applicants with considerable occupational medicine practice experience and only one year of residency training.
* Prerequisite undergraduate courses: Clinical courses associated with a clinical profession.
* Work experience:
  + - Residency Program: Two years of a primary care specialty residency program is preferred. Candidates with significant experience or skills will be considered with one year of primary care training.
    - Other health professionals: two years clinical experience preferred.
* Minimum undergraduate GPA:
  + - Residency program or other physicians with a valid U.S. unrestricted medical license
    - Other health professionals 3.0 in last 60 credits of undergraduate program and a valid clinical license.
* GRE Score:
* Residency Program: waived with documentation of unrestricted valid U.S. medical license.
* Other health professionals: **Must meet MSPH minimums**

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

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Additional Required Core Courses – 6 credit hours

Concentration Course Requirements – 14 credit hours

Research Courses – 9 credit hours

Elective courses – 2 credit hours

**Additional Required Core Courses - 6 hours**

(complete the two remaining Program Core Courses listed above)

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

**Concentration Course Requirements – 23 hours (Includes 9 hours of research courses\*)**

PHC 6356 2 Industrial Hygiene

PHC 6351 3 Occupational Medicine for Health Professionals

PHC 6364 2 Industrial Hygiene Aspects of Plant Operations

PHC 6360 2 Safety Management Principles and Practices or other approved safety course

PHC 6930 4 Seminar in Occ. and Environmental Research (1 credit each semester for a minimum of 4 semesters)

PHC 6423 2 Occupational Health Law

PHC 6354 2 Safety and Health Administration

PHC 7019 3 Occupational Epidemiology

Select ONE of the following:

PHC 6310 3 Environmental/Occupational Toxicology

PHC 6350 3 Occupational Health Risk Assessment

**Elective Courses – 2 hours**

Examples of elective courses:

PHC 6350 3 Occupational Health Risk Assessment

PHC 6370 2 Biological and Surface Monitoring

PHC 6361 2 Ergonomics

**Comprehensive Exam**

This concentration requires a combined core comprehensive/concentration exam.

**OCCUPATIONAL SAFETY (POS)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisites: None.
* Suggested/preferred undergraduate majors: science, engineering, technology and management, and psychology.
* Prerequisite undergraduate courses: None
* Work experience: None required; however occupational work experience is beneficial.
* Minimum undergrad GPA: Upper division GPA 3.0.
* Other criteria: Two Letters of recommendation.

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

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 17 credit hours

Research Courses – 9 credit hours

Elective courses – 5 credit hours

**Concentration Course Requirements – 26 hours** (includes 9 hours of research courses)

PHC 6360 2 Safety Management Principles and Practices

PHC 6354 2 Safety and Health Administration

EIN 6216 3 Occupational Safety Engineering

EIN 6215 3 Engineering System Safety

PHC 6423 2 Occupational Health Law

PHC 6361 2 Industrial Ergonomics

PHC 6356 2 Industrial Hygiene

PHC 6310 3 Environmental Occupational Toxicology

PHC 6051 3 Biostatistics II

PHC 6930 1 Public Health Seminar

One research course (3 credits) as approved by the program

**Elective Courses – 5 hours**

Electives: Two required from the following or other approved electives:

PHC 7934  2 Work and Environmental Physiology

PHC 6004 3 Injury Epidemiology and Prevention (*offered on-line by partner College of Public Health at*

*Florida International University*)

INP 6935  3 Personnel or Organizational Psychology

INP 7937 3 Occupational Health Psychology

**Comprehensive Exam**

**Additional Culminating Experience**

Safety Concentration Examination or ASP Exam (no credit)

**PUBLIC HEALTH EDUCATION (PPD)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisite: None
* Suggested/preferred undergraduate majors: Social or Behavioral Sciences, International Studies, Women Studies, Public Health, Regional Studies (i.e., Latin America and Caribbean) and Health Sciences.
* Prerequisite undergraduate courses: None
* Work experience: some public health experience preferred but not required
  + GRE preferred minimum: 58th verbal percentile, 25th quantitative percentile
* Three letters of recommendation from academic and/or related professional sources,  goal statement

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

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 12 credit hours

Research Courses – 9 credit hours

Elective courses – 8 credit hours

**Concentration Course Requirements - 12 hours**

Required Specialization Area Courses: Courses depend on the area of specialization.

**Elective Courses - 8 hours**

Examples of common electives are:

SYA 6204  Social Problems, Identity and Community

ANG 6469 Selected Topics in Medical Anthropology

PHC 6536 Population and Community Health

PHC 6411 Introduction to Social Marketing for Public Health

PHC 6708 Evaluation and Research Methods in Community Health

**SOCIO-HEALTH SCIENCES (PSH)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisite: None
* Suggested/preferred undergraduate majors: Social or Behavioral Sciences, International Studies, Women Studies, Public Health, Regional Studies (i.e., Latin America and Caribbean) and Health Sciences.
* Prerequisite undergraduate courses: None
* Work experience: some public health experience preferred but not required
  + GRE preferred minimum: 58th verbal percentile, 25th quantitative percentile
* Three letters of recommendation from academic and/or related professional sources,  goal statement

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

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 12 credit hours

Research Courses – 9 credit hours

Elective courses – 8 credit hours

**Concentration Course Requirements - 12 hours**

Required Specialization Area Courses: Courses depend on the area of specialization.

**Elective Courses - 8 hours**

Examples of common electives are:

SYA 6204  Social Problems, Identity and Community

ANG 6469 Selected Topics in Medical Anthropology

PHC 6536 Population and Community Health

PHC 6411 Introduction to Social Marketing for Public Health

PHC 6708 Evaluation and Research Methods in Community Health

**TOXICOLOGY AND RISK ASSESSMENT (PTX)**

**Pre-requisites and Admissions Information**

In addition to meeting the Program admission requirements for the Master of Science in Public Health in Public Health, applicants should also meet these concentration prerequisites:

* Public health course prerequisite: 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 - biology, chemistry, physics, and environmental science.
* Prerequisites undergraduate courses: Courses in biology and chemistry.
* Work experience: Not required.
* GRE Score may be substituted with an MCAT Score averaging 8 or higher

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

In addition to the 15 hours minimum required for the Program Core Requirements and the thesis hours, this Concentration requires:

Concentration Course Requirements – 17 credit hours

Research Courses – 9 credit hours

Elective courses – 3 credit hours

**Concentration Course Requirements – 26 hours** (includes 9 hours of research courses)

PHC 6051 3 Biostatistics II

HSC 6556 3 Pathobiology of Human Disease I

PHC 6353 3 Environmental Toxicology & Risk Assessment

PHC 6310 3 Environmental Occupational Toxicology

PHC 6359 3 Xenobiotic Metabolism in Environmental and Occupational Health

PHC 6369 2 Industrial Toxicology

PHC 6350 3 Occupational Toxicology & Risk Assessment

PHC 6934 2 Selected Topics in Public Health

PHC 6930 1 Public Health Seminar

HSC 6557 3 Pathobiology of Human Disease II

**Elective Courses - 3 hours**

**Culminating Experiences:**

*This concentration requires a core comprehensive exam.*

**Comprehensive Exam** (must be registered for at least 2 credit hours of coursework)

**or Thesis proposal defense**

**OTHER PROGRAM 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 for health professionals [↑](#footnote-ref-1)
2. Only for health professionals [↑](#footnote-ref-2)