

University of South Florida • Tampa

COLLEGE OF PUBLIC HEALTH

Catalog 2009/2010

- 1 - Introduction
- 2 - Degrees Offered
- 3 - Departments & Programs
- 4 - Dual Degrees Offered
- 5 - Graduate Certificates
- 6 - Academic Procedures
- 7 - Tuition & Financial Support
- 8 - Undergraduate Programs**
- 9 - Course Descriptions



Undergraduate Programs

Contents

About the Catalog	2
Versions.....	2
Questions	2
Disclaimer.....	2
Diversity	2
Students with Disabilities.....	2
Refer to USF Graduate Catalog	2
Introduction	3
General Public Health Minor	3
Fast Track MPH/MSPH for USF Honors Students	5
Health Education Accelerated Entry:	10
Environmental Science & Policy (BS) And Public Health (MPH/MSPH) Dual Degree	10

About the Catalog

Versions

Adobe Acrobat Version: The current version you are reading is the *Official Catalog* for a specified time period. This catalog is effective from July 1, 2009 – June 30, 2010.

On-line version: Available at www.publichealth.usf.edu, the on-line version in HTML format is the most up-to-date version of the University of South Florida College of Public Health Catalog. All approved changes, additions and corrections are incorporated as soon as possible, thus allowing the College to communicate these in a timely manner.

Questions

Please contact advisor@health.usf.edu or call toll-free 888-USF-COPH or 888-873-2674 and press 1 to be transferred to Advising.

Disclaimer

This catalog includes policies, procedures and program descriptions in effect at the time of publication. The College and the University reserve the right to repeal, change, or modify the policies, procedures and program descriptions at any time.

Diversity

The University of South Florida is committed to the principles of equal education and employment opportunities without regard to race, color, marital status, sex, religion, national origin, disability, age, Vietnam or disabled veteran status as provided by law and in accordance with the University's respect for personal dignity. These principles are applied in the conduct of University programs and activities and the provision of facilities and services.

Students with Disabilities

Students should contact the Office of Student Disability Services at <http://www.sds.usf.edu/>

Refer to USF Graduate Catalog

The University of South Florida Graduate Catalog is located at <http://catalog.grad.usf.edu/>

Introduction

USF College of Public Health offers the following academic program options for USF undergraduate students interested in the field of public health; However the College does not offer an undergraduate major in Public Health. Please review the various options:

General Public Health Minor: for undergraduate students.

Fast Track MPH/MSPH: undergraduate Honor students may enroll in a Masters in Public Health program at the beginning of their senior year.

Health Education Accelerated Entry (MPH): eligible undergraduate students may be admitted to the College of Public Health to pursue studies in the Public Health Education concentration.

Environmental Science & Policy (BS) And Public Health (MPH/MSPH) Dual Degree : undergraduate students in the Environmental Science & Policy B.S. program may be admitted to a MPH or MSPH program in the college of public health at the beginning of their senior year.

For more information, please contact the College Pre-Admission Advisor at advisor@health.usf.edu or 813-974-6505.

General Public Health Minor

The goal of the General Public Health Minor is to develop in a broad range of students an understanding and appreciation of the field of Public Health.

Upon completion of the General Public Health Minor coursework, a student will be able to:

1. Articulate the role of public health in disease prevention and health promotion at the local, state, national and global level.
2. Describe public health functions and concepts.
3. Discuss and analyze current public health issues.
4. Describe career paths in public health.
5. Develop an understanding of public health that can serve as a foundation for the pursuit of graduate public health degrees.

The General Public Health Minor consists of 18 credit hours.. It is recommended that students follow the sequence of courses listed below. These courses will give students a broad overview of public health concepts. Departmental courses can then be selected from a wide range of College of Public Health courses in consultation with the undergraduate academic advisors. Students are encouraged to select departmental courses that provide a cohesive learning experience based on their individual interests and goals and may involve selecting courses from a department or emphasis area, assisted by academic advisors in the student's major and College of Public Health.

Required Courses (9 credit hours)

PHC 4100	Introduction to Public Health (COPH)	3
HSC 4551	Survey of Human Diseases (COPH)	3

Choose One of the Following:

HSC 2100	Contemporary Health Science (COPH)	3
HSC 4537	Medical Terminology (COPH)	3

Elective Departmental Courses (9 credit hours)

HSC 4631	Critical Issues in Public Health (COPH)	3
HSC 2130	Sex, Health and Decision-Making (CFH)	3
HSC 3541	Human Structure and Function (COPH)	3
HSC 4134	Prevention of Mental Illness (CFH)	3
HSC 4211	Health, Behavior and Society (CFH)	3
HSC 4624	Foundations of Global Health (GLO)	3
HSC 4504	Foundations of Public Health Immunology (GLO)	3
HSC 4579	Foundations of Maternal and Child Health (CFH)	3
HSC 4573	Foundations of Food Safety (GLO)	3
HSC 4630	Understanding U.S. Health Care (HPM)	3
HSC 4172	Women's Health: A Public Health Perspective (CFH)	3

HSC 4933 Special Topics in Public Health**

Behavioral Health System Delivery (CFH)	3
Biostatistics in Society (EPB)	3
Contemporary Health Issues in HPM (HPM)	3
Emerging Infectious Diseases (GLO)	3
Foundations of Infection Control (GLO)	3
Introduction to Environmental & Occupational Health (EOH)	3
Sex, Beer and Chocolate: Fact and Fiction About the Things You Love (EPB)	3

(COPH)	=	General College of Public Health
(CFH)	=	Department of Community and Family Health
(EOH)	=	Department of Environmental and Occupational Health
(GLO)	=	Department of Global Health
(HPM)	=	Department of Health Policy and Management
(EPB)	=	Department of Epidemiology and Biostatistics

**Please see academic advisor for selection of special topics courses.

Other special topics subjects may be offered depending upon student demand and instructor availability.

It is highly recommended that you meet with an advisor in the College of Public Health early to verify coursework to make sure your minor requirement will be met by your semester of graduation.

University requirements (Each academic minor must conform):

1. A minimum of 8 semester hours of credit used to satisfy the requirements of a minor must be from USF courses.
2. A student desiring a minor must have a major in a different program option.
3. USF coursework for a minor must have a GPA of at least 2.0.
4. Only an undergraduate degree-seeking student at USF is eligible for a minor.
5. A minor can be applied for and received only in conjunction with applying for and receiving a baccalaureate degree except for students who have already received a baccalaureate degree from USF who may earn certification of a minor by taking additional undergraduate coursework at the University and applying for the certification.

Declaring a General Public Health Minor

Make sure you have completed all **18 hours** of required and elective courses

You will declare the General Public Health minor on your **Bachelor's Degree Application** when you are preparing to graduate. (Check with your department and the Registrars Office on semesters deadlines for the application)

The minor will be displayed on your USF official transcript. You will not receive any tangible documentations or certificates from the College of Public Health for completion of the General Public Health minor.

For more information, contact the:

Prospective Student Academic Advisor

Michelle Hodge, (813) 974-6665; mhodge1@health.usf.edu

Fast Track MPH/MSPH for USF Honors Students

Description: This program provides opportunities for Honor students to enroll in a Masters in Public Health program at the beginning of their senior year. Eligible seniors complete up to 20 graduate credits in public health that count toward the bachelor's degree as well as an MPH or MSPH. The MPH is considered a professional degree and is appropriate for student wishing to be prepared to work in a public health career. The MSPH is considered a research oriented degree.

Prerequisites

All students will take:

HSC 4551 Survey of Human Diseases (3)

PHC 4100 Introduction to Public Health (3)

Prospective applicants are encouraged to take these courses before their senior year. These courses will not count toward the graduate degree, but may count toward the undergraduate degree as determined by the undergraduate advisor.

Honors Fast Track Options

Undergraduate Major				Graduate Degrees	
BMS	ISS	INS	Concentrations	MSPH	MPH
			Department of Community & Family Health		
	X ³		Maternal and Child Health	X	X
	X ³		Public Health Education	X	X
	X ³		Behavioral Health	X	X
	X ³		Socio-Health Sciences	X	X
			Department of Health Policy & Management		
	X	X	Health Care Organizations and Management ¹		X
	X		Health Care Policies and Programs		X
			Epidemiology & Biostatistics		
X	X	X	Epidemiology	X	
X	X	X	Biostatistics ²	X	
			Environmental & Occupational Health		
X		X	Toxicology / Risk Assessment	X	X
X		X	Environmental Health	X	X
			Global Health		
X		X	Global Communicable Disease	X	X

BMS = Biomedical Sciences; ISS = Interdisciplinary Social Sciences; INS = Interdisciplinary Natural Sciences

1. Requires Microeconomics and Basic Accounting
2. Requires Calculus and Linear Algebra
3. In addition to ISS, any of the following majors would be suitable: Anthropology, Criminology, Gerontology, Psychology, Sociology, Women's Studies, Business

Admission and Application Process for Enrollment: Students are encouraged to apply early and applications will be accepted starting in the fall of the student's junior year. Application information is available at Graduate Studies (<http://admissions.grad.usf.edu/>) and additional information may be

found at <http://www.publichealth.usf.edu>. Admission is for fall semester and applications must be received by July 1 for guaranteed consideration. Applications received after July 1 will be processed for fall admission although there is no guarantee that processing will be completed in time. Spring and summer admissions will be considered on an individual basis.

Admission Requirements

- Minimum Verbal score of 450 and minimum quantitative score of 550 on the Graduate Record Exam (GRE) or a mean MCAT of 8, AND good standing in the Honors program, senior status. (Helpful Hint: Take the General GRE exam, not a specialized one.)
- Two letters of recommendation from undergraduate faculty.
- One letter from the Honors advisor noting GPA of 3.2 or better.
- Desire for a public health career as documented in a one page goal statement.
- Approval by appropriate department admission committee.
- Approval by the College and Graduate School.

Advising: When a student is accepted into the masters program, a graduate advisor will be assigned. The undergraduate advisor and student will be given a listing of courses the student will need to take in the senior year. The student will seek approval to register for graduate classes from the graduate advisor. The undergraduate advisor will continue to assure the student meets all undergraduate degree requirements.

The student is expected to make contact with the graduate advisor at least once a semester before pre-registration to plan and seek approval for course registration and planning. All students are expected to be familiar with the College of Public Health (www.publichealth.usf.edu) and Graduate School www.grad.usf.edu requirements.

Field Experience: Senior undergraduate students will enroll in one credit (3 hours / week) of field experience Fall and Spring semester. The first semester field experience will focus on introducing students to various public health areas and the second semester will focus on introducing the student to their chosen concentration area in Public Health. The College of Public Health Field Placement Coordinator will work with the student. An additional, more intensive, field experience is required at the end of the masters program as well.

Mentoring: Every effort will be made to assign each student a second year graduate student mentor who is in the same concentration area. If the cohort of students is sufficiently large, one to two required group meetings per semester will be scheduled. These meetings will address student concerns, successes, experiences at the College of Public Health, and evaluation of the program.

Course Locations: Most classes are offered in the evening, one day a week. Classes are held at the USF College of Public Health, 13201 Bruce B. Downs Blvd., Tampa. FL on the USF Tampa campus.

Program Outline Overview

The MPH is considered a professional degree and is appropriate for students wishing to be prepared to work in a public health career. The MPH has extensive field experience, requires a special project and written comprehensive exam.

The **MSPH** is considered an academic or research oriented degree, has less emphasis on field experience and more on research methods, requires a thesis, and a written comprehensive exam.

Typical MPH Sequence (Professional Degree)

Semester 1 (First year graduate / senior undergrad)		10 credits
PHC 6000	Epidemiology	3
PHC 6050	Biostatistics I	3
PHC 6102	Principles of Health Policy and Management	3
PHC 6945	Supervised Field Experience	1
	Undergraduate courses as determined by Undergraduate Advisor	

Semester 2 (First year graduate / senior undergrad)		10 credits
PHC 6410	Social and Behavioral Sciences Applied to Health	3
PHC 6357	Environmental and Occupational Health	3
PHC xxxx	Concentration Course	3
PHC 6945	Supervised Field Experience	1
	Undergraduate courses as determined by Undergraduate Advisor	

Semester 3 (graduate)		9 credits
PHC xxxx	Concentration Course	3
	Elective	3
	Elective	3

Semester 4 (graduate)		9 credits
PHC xxxx	Concentration Course	3
PHC xxxx	Concentration Course	3
	Concentration or Elective	3

Semester 5 (graduate)		9-12 credits
	Elective	3
PHC 6977	Special Project	3

PHC 6945	Supervised Field Experience	3-6
	Comprehensive Exam	0

Typical MSPH Sequence (Research Oriented Degree)

Semester 1 (First year graduate / senior undergrad)		10 credits
PHC 6000	Epidemiology	3
PHC 6050	Biostatistics I	3
PHC xxxx	6410, 6357 or 6102	3
PHC 6945	Supervised Field Experience	1
	Undergraduate courses as determined by Undergraduate Advisor	

Semester 2 (First year graduate / senior undergrad)		10 credits
PHC xxxx	Concentration Course	3
PHC xxxx	Concentration Course	3
PHC xxxx	Concentration Course	3
PHC 6945	Supervised Field Experience	1
	Undergraduate courses as determined by Undergraduate Advisor	

Semester 3 (graduate)		9 -12 credits
PHC xxxx	Concentration and Elective Courses	9-12

Semester 4 (graduate)		9-12 credits
PHC xxxx	Concentration and Elective Courses	3-12

Semester 5 (graduate)		6 credits
PHC 6971	Thesis	6
PHC 6945	Supervised Field Experience	Optional
	Comprehensive Exam	0

For Additional Information

Pre-admission Undergraduate Advisor

- Sharon Geiger 813-974-3087
sgeiger@honors.usf.edu

Pre-admission Graduate Advisor

- 813-974-6505
advisor@hsc.usf.edu

Health Education Accelerated Entry:

Eligible **undergraduate** students may be admitted to the College of Public Health to pursue studies in the Public Health Education concentration. Applicants must have attained a grade point average of at least 3.0 on a four-point scale, or received a minimum score of Verbal 500 and Quantitative 550 on the Graduate Record Exam (GRE). This special MPH program permits students to earn an MPH without first completing the baccalaureate. Applicants must have completed 90 undergraduate semester hours in a program related to the field of Public Health, such as social sciences, natural sciences, behavioral sciences, pre-medicine, pre-dental, nursing, or education. Interested students are encouraged to consult the Department of Community and Family Health faculty advisor upon completing 60 undergraduate semester hours.

For more information on the MPH Public Health Education concentration, go to <http://health.usf.edu/publichealth/phed.html>.

Interested students are encouraged to inquire:

Dr. Robert McDermott 813-974-6700 email: rmcdermo@health.usf.edu
Pre-Admission Advising 813-974-6505 email: advisor@health.usf.edu

Environmental Science & Policy (BS) And Public Health (MPH/MSPH) Dual Degree

Description

Bachelor Of Science In Environmental Sciences & Policy: The undergraduate degree in Environmental Science & Policy (ESP) is a Bachelor of Science degree. This unique interdisciplinary program incorporates courses from various colleges across the university. Although there are courses in the core of ESP, the degree also offers students the opportunity to choose an area of concentration. The curriculum has two sub concentrations, one in environmental science and one in environmental policy. Students in both concentrations take supporting courses in physical and natural science, statistics, policy and ethics. In addition, students select electives to strengthen their knowledge within their concentration. Seniors complete a research project or perform an internship in one of a variety of government agencies or private companies.

Master Of Public Health: The Master of Public Health (MPH) degree is the primary professional degree in public health. The program provides a set of skills and principles essential for students who intend to apply their training in a professional setting, provide leadership in a specific health specialty, and improve and protect the health and well being of populations. All MPH students complete coursework designed to prepare public health professionals to actively and effectively contribute to population-based, culturally appropriate, and innovative approaches concerning current and emerging public health problem.

Master of Science in Public Health: The Master of Science in Public Health (MSPH) degree provides a focus in research design, data collection, analysis and application of research in public health intended to improve and protect the health of populations. The program is designed for students with good quantitative and/or qualitative skills and an interest in the science of public health and a comprehensive research experience. Students are prepared for research roles in academic or professional public health careers by incorporating epidemiological principles and biostatistical methods with their focus within the core areas of public health.

Accreditation

The Environmental Sciences & Policy program falls under the University of South Florida's Southern Association of Colleges and Schools Accreditation. The College of Public Health is fully accredited by The Council on Education for Public Health (CEPH).

Admission Information

For consideration of admission into a Master's degree program, applicants must complete the University Of South Florida graduate application. Information, forms, and fee requirements for admission can be found on the Graduate Admissions page at <http://www.grad.usf.edu/newsite/admissions/main.asp>.

Admission Requirements

This program provides opportunities for students to enroll in a MPH or MSPH program in the college of public health at the beginning of their senior year. Eligible seniors complete up to 20 graduate credits in public health that count toward the bachelor's degree as well as an MPH or MSPH. Admission requirements include:

- minimum verbal score of 450 and minimum quantitative score of 550 on the graduate record exam (GRE) general test, or a mean MCAT of 8;
- good academic standing in the undergraduate program;
- senior status at the start of the program;
- two letters of recommendation from undergraduate faculty;
- transcripts from all institutions of higher learning;
- a one-page career goal statement;
- approval by the environmental and occupational health student affairs and admission committee; and
- approval by the college and graduate school.

Degree Program Requirements

Degree Requirements For B.S. In Environmental Science & Policy - 65 Hours Total

Eight of the following courses are required for the dual degree program. These eight courses (as determined by a student's undergraduate advisor) will be completed during a student's junior and senior year. While students are completing these requirements for their BS degree in environmental science & policy, they will be taking courses that count toward the MPH/MSPH degree.

Env 2001 & 2001	Intro To Environmental Science & Lab
Evr 2861	Intro To Environmental Policy
Chm 2045 & 2045	Chemistry 1 & Lab
Chm 2046 & 2046	Chemistry 2 & Lab
Bsc 2010 & 2010	Biology 1 & Lab
Bsc 2011 & 2011	Biology 2 & Lab
Pup 4203	Environmental Politics & Policy
Phi 3640	Environmental Ethics
Evr 4921	Esp Seminar

Choose One:

Mac 2241	Life Science Calculus 1
Mac 2311	Calculus 1
Mac 2281	Engineering Calculus 1

Choose One:

Sta 2023	Intro To Statistics
Qmb 2100	Business & Economics Statistics
Egn 3443	Engineering Statistics

Choose One:

Gly 2010 & 2015	Dynamic Earth & Lab
Gyl 2100 & 2015	History Earth/Life & Lab
Phy 2048 & 2048	General Physics & Lab
Phy 2053 & 2053	General Physics 2 & Lab

Choose One:

Evr 4910	Esp Senior Project
Evr 4940	Esp Senior Internship

Degree Requirements For The M.P.H. In Environmental Health - 42 Hours Total

College Core Courses:

PHC 6000 Epidemiology
PHC 6050 Biostatistics I

PHC 6102 Principles Of Health Policy And Management
PHC 6356 Environmental And Occupational Health
PHC 6410 Social & Behavioral Sciences Applied To Health

Required Concentration Courses:

PHC 6301 Water Pollution And Treatment
PHC 6310 Environmental And Occupational Toxicology
PHC 6303 Community Air Pollution
PHC 6512 Vectors Of Human Disease
PHC 6305 Environmental Analytical Lab
PHC 6930 EOH Public Health Seminar (Or Approved Substitute)

Two Electives

Culminating Experience

PHC 6945 Supervised Field Experience (2-12)
PHC 6977 Special Project For Mph Students (3)
Comprehensive Exam (No Credit)

Degree Requirements For The M.S.P.H. In Environmental Health - 42 Hours Total

College Core Courses

PHC 6000 Epidemiology
PHC 6050 Biostatistics I
PHC 6356 Environmental And Occupational Health

Required Concentration Courses

PHC 6301 Water Pollution And Treatment
PHC 6310 Environmental And Occupational Toxicology
PHC 6303 Community Air Pollution
PHC 6512 Vectors Of Human Disease
PHC 6305 Environmental Analytical Lab
PHC 6051 Biostatistics II
PHC 6930 EOH Public Health Seminar (Or Approved Substitute)

Three Electives

Culminating Experience

PHC 6971 Thesis For MSPH Students (6)
Comprehensive Exam (No Credit)

Contact Information

Environmental Sciences & Policy

Dr. Connie Mizak

PH: 813-974-3101

FAX: 813-974-4808

cmizak@cas.usf.edu

Department Website: <http://www.cas.usf.edu/geography/>

Public Health

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kperrin@health.usf.edu