

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

Dual Degrees Offered Table of Contents

List of Dual Degrees Offered by Department.....	2
Dual Degree Detail.....	2
Adult Nurse Practitioner.....	2
Anthropology and Public Health .....	4
Biochemistry and Molecular Biology PhD.....	12
Doctor of Physical Therapy (DPT)/Master of Public Health (MPH) degree program .....	18
Medicine.....	18
Social Work.....	22

**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, 2006 – June 30, 2007.
- **On-line version:** Available at [www.publichealth.usf.edu](http://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.

**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.

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

**List of Dual Degrees Offered by Department**

Dual degrees combine a Public Health degree with a degree from another area of study. Following are the dual degree options available for each department or program. Dual degree options vary by Public Health concentration. If you are interested in a dual degree, please read the description carefully.

College Wide

[Doctor of Physical Therapy \(DPT\) / Master of Public Health \(MPH\) degree program](#)

Community & Family Health

[Anthropology \(MA or PhD\)](#)

[Medicine \(MD\)](#)

[Social Work \(MSW\)](#)

Environmental & Occupational Health

[Adult Nursing \(MS\)](#)

[Anthropology \(MA or PhD\)](#)

[Biochemistry / Molecular Biology \(PhD\)](#)

[Medicine \(MD\)](#)

Epidemiology & Biostatistics

[Anthropology \(MA or PhD\)](#)

[Biochemistry / Microbiology \(PhD\)](#)

[Medicine \(MD\)](#)

Global Health

[Anthropology \(MA or PhD\)](#)

[Biochemistry / Microbiology \(PhD\)](#)

Health Policy & Management

[Anthropology \(MA or PhD\)](#)

[Medicine \(MD\)](#)

**Dual Degree Detail**

***Adult Nurse Practitioner***

**Overview:** The College of Nursing and the College of Public Health offer an Interdisciplinary Dual Degree (MPH / MS) Master's program in Occupational Health Nursing/Adult Nurse Practitioner. This program provides training to prepare advanced occupational health nurses for practice at diverse work settings, including direct clinical practice and occupational health program development, administration and management. The student concurrently earns two degrees: a Master of Science (MS) from the College of Nursing, as an adult nurse practitioner and occupational health nurse, and the Master of Public Health (MPH) from the College of Public Health in occupational health. The Program is open to RNs with a baccalaureate degree in nursing or another discipline.

Graduates are qualified for State of Florida licensures as an Advanced Registered Nurse Practitioner (ARNP) in adult health and may apply to take the American Nurses Association Credentialing Examination in adult health nursing. The occupational health nursing courses also fulfill some of the educational requirements for taking the Occupational Health Nursing Certification examination.

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

Occupational Health Nursing trainees complete core courses in nursing and public health and specialty courses in adult primary care and occupational health/occupational health nursing. Students have opportunities for interdisciplinary learning experiences with other occupational health specialty disciplines in industrial hygiene, occupational medicine, safety and toxicology. Both full-time and part-time enrollment is available. Many nursing and public health core courses are offered on line. Stipends/tuition payments are also available for full-time students pending available monies.

An Introduction to Occupational Health Nursing Course is open to all nurses.

**Course Outline:**

*College of Nursing Courses - 36 credits*

NGR 6121	Theoretical Basis of Advanced Nursing Practice	3
NGR 6140	Pathophysiology for Advanced Practice	3
NGR 6199	Pharmacology for Advanced Practice	3
NGR 6800	Nursing Research	3
NGR 6001	Health Assessment in Advanced Practice*	3
NGR 6650	Occupational Health Nursing I	2
NGR 6651	Occupational Health Nursing II	2
NGR 6205	Primary Care Practicum: Adolescents and Women	3
NGR 6207	Primary Care: Adults	3
NGR 6271	Adult Health Management	3
NGR 6700	Advanced Practice Nurse Transitions	2
NGR 6205L	Primary Care Practicum: Adolescents and Women*	2
NGR 6207L	Primary Care Practicum: Adults*	2
NGR 6700L	APN Transitions Practicum*	2
	* Total 600 clinical clock hours (1:6 ratio) (Includes adult health and occupational health)	
	<b>Total Hours</b>	<b>36</b>

*College of Public Health Courses - 28 credits*

PHC 6357	Environmental and Occupational Health (core course)	3
PHC 6000	Epidemiology (core course)	3
PHC 6050	Biostatistics (core course)	3
PHC 6102	Principles of Health Policy and Management (core course)	3
PHC 6423	Occupational Health Law	2
PHC 6360	Safety Management Principles and Practices	2
PHC 6356	Industrial Hygiene	2
PHC 6351	Occupational Medicine for Health Professionals	2
PHC 6354	Safety and Health Administration	2
PHC 6310	Environmental Occupational Toxicology	3
	<b>Culminating Experiences</b>	
PHC 6977	Special Project	3
	Comprehensive Examination (no credit)	
	<b>Total Hours</b>	<b>28</b>

**Grand total credit hours = 64**

For more information contact: Dr. Candace Burns [cburns@hsc.usf.edu](mailto:cburns@hsc.usf.edu)

## ***Anthropology and Public Health***

### **Dual Masters Program**

The Dual Masters degree program allows students to pursue a concurrent program of study leading to both the Master of Arts (M.A.) degree in Applied Anthropology and the Master of Public Health (M.P.H) degree in one of 8 concentration areas within Public Health:

1. Environmental Health
2. Epidemiology
3. Global Communicable Disease
4. Healthcare Organizations and Management
5. Health Policy and Programs
6. Maternal and Child Health
7. Public Health Education
8. Global Health

Students wanting to complete a dual degree involving a Master of Science in Public Health (MSPH degree) should take this up on a case-by-case basis with their committees. Students choose a concentration area and degree program when they apply to the program, but this can be changed once the student has been admitted, provided they qualify.

### ***Doctoral/Masters Program***

Students interested in combining a program of study leading to a doctorate plus master's degrees have two choices: they may obtain a Ph.D. in Applied Anthropology with an M.P.H. in a public health concentration; or they may obtain a Ph.D. in Public Health with an M.A. in Applied Anthropology. For the doctoral/masters combination, students develop individual programs of study in consultation with an interdisciplinary academic advisory committee. The committee must approve the plan of study as well as the proposal to fulfill the thesis and dissertation requirements or dissertation and special project requirements through a single project. Students choose a concentration area when they apply to the program, but this can be changed once the student has been admitted to the program, provided they qualify.

For students who have previously earned an M.P.H., alone or as part of another dual degree program (e.g. Nursing and Public Health), the previous education at the master's level will count toward the Ph.D. external specialization requirement in Anthropology.

### **Curriculum**

For both the dual masters and doctoral/masters programs, similar principles of curriculum design are followed.

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

1. Both programs must accept students independently. Students should submit an application to one program, but indicate on the application that they are applying to the other program as well. Admissions officers from Anthropology and Public Health communicate with each other during the application and acceptance process.
  
2. Students must fulfill all the requirements of both programs, with the following exceptions:
  - a. Students may take **either** PHC 6050 Biostatistics I **or** ANG 5486 Quantitative Methods to fulfill the statistics course requirement for both programs. For students pursuing a Ph.D. in anthropology and an M.P.H, if Biostatistics II is required for their Public Health concentration, they should take that course instead of the advanced statistics course (ANG 7750) offered in the Anthropology Department. If Biostatistics II is not required for their Public Health concentration, they should take ANG 7750. Students pursuing a Ph.D. in Public Health and an M.A. in Anthropology should check with their advisors/committee as to whether the Anthropology advanced statistics course can be used for the required statistics course in their Public Health concentration.
  
  - b. 9 hours of electives will count towards both degrees. Typically, elective courses required for the M.P.H are fulfilled by courses taken in Anthropology.
  
  - c. For M.A. /M.P.H students, the thesis (Anthropology requirement)/special project (Public Health requirement) will be fulfilled by one project. For students pursuing a Ph.D. in anthropology and an M.P.H, the special project (Public Health requirement)/dissertation (Anthropology requirement) or thesis (Anthropology requirement)/dissertation (Public Health requirement) may be fulfilled by one project. For students pursuing a Ph.D. in Public Health and an M.A. in Anthropology, the thesis (Anthropology requirement)/dissertation (Public Health requirement) may be fulfilled by one project with approval of the student's committee.
  
  - d. The academic advisory committee will be made up of both Public Health and Anthropology faculty. For the M.A. /M.P.H, the committee should have at least 2 anthropologists (the advisor and 1 other) and the Public Health advisor. Additional people may serve on the committee as appropriate. Any substitutions for requirements must be approved by both advisors and the appropriate paperwork completed. A meeting of the 2 advisors and the student should be held before the internship/special project is finalized to be sure that all parties agree on the topic/methodology.

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

The total credit hours for the M.A. /M.P.H dual degree is 58-67 hours (depending on concentration area). Full-time students could complete the program in 7 semesters (28 months, including summers).

For the doctoral/masters program, a minimum of 90 credit hours beyond the baccalaureate degree is required. The exact number of credits is determined by the student's doctoral advisory committee. Full-time students could complete the program in a minimum of 4 years.

**Admission Process**

Admission requirements for the M.A. in Applied Anthropology include a 3.2 undergraduate GPA and a minimum of 500 on the verbal and 600 on the quantitative sections of the GRE. Admission requirements for the MPH include at least a 3.2 upper level undergraduate GPA or 500 on the verbal and 600 on the quantitative sections of the GRE.

Admission requirements for the Ph.D. in Applied Anthropology include at least an undergraduate GPA of at least 3.2, and a minimum of 500 on the verbal and 620 on the quantitative sections of the GRE . Students without an M.A. or B.A . in Anthropology must complete undergraduate prerequisite courses in each of the four anthropological subfields (four courses in all). Admission requirements for the Ph.D. in Public Health include at least a 3.2 GPA at the graduate level, and a 500 on the verbal and 620 on the quantitative sections of the GRE. In addition, admission to any of the dual degree programs will consider letters of recommendation, past experience, goal statement and availability of faculty. Upon completion of all requirements for the dual degree program, the student submits separate applications for graduation to anthropology and public health, is certified for graduation by both programs, and receives two diplomas.

The two programs review applicants independently. A single graduate school application form is completed, listing both anthropology and public health as major areas of study. The review process may begin in either college. The timing of application should take into consideration that the COPH admits students three times per year (Fall, Spring and Summer) and the Department of Anthropology admits students annually in the Fall; the deadline for Fall admission consideration is January 15 of that year. Once the applicant has been accepted into one program, the application folder is forwarded to the other program for review. After admission to both programs, the Graduate Admissions office instructs the Registrar's Office to classify the student as dually enrolled in anthropology and public health. In choosing which program to apply to first, students should take into consideration the following: Requirements in Anthropology for admission are different from those in Public Health; admission to one program does not guarantee admission to the other; and of course, the student should consider her or his individual interests and and career plans.

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

**Advising**

For the dual anthropology and public health degree programs, each student will have a primary advisor from his/her home department and a secondary advisor from the department of the other degree program. The primary advisor will be responsible for the overall tracking and programmatic issues for the student.

**M.A. /M.P.H.**

Current guidelines for the Anthropology Department call for an advisor and 2 additional members of a student's thesis committee. Guidelines for the Special Project of the COPH call for a second reader in addition to the advisor. Students in the Dual Degree program will have an advisor from both Anthropology and COPH, and one additional anthropology faculty member will serve as a member of their thesis/special project committee.

**Ph.D./M.P.H.**

Three members of the Anthropology Department will serve on the committee, one as major advisor. The other member(s) of the committee will be from Public Health. Since these students will be required to take comprehensive examinations in Public Health, their qualifying examinations in Anthropology will focus primarily on Applied Anthropology topics.

**Ph.D. /M.A.**

Three members of the committee will be from Public Health, one of whom will be the major advisor. The other member(s) of the committee will be from Anthropology.

**Availability of Field Schools for Dual Degree Students:**

The University of South Florida offers various field schools that might be relevant to the training of dual degree students. For example, the Department of Anthropology offers the "Globalization and Community Health Summer Field School." This six-credit field school may be taken in place of ANT 6766 (Research Methods in Applied Anthropology, 3 cr.) and additionally counts as one 3 credit elective in anthropology. It may also be used to fulfill the Field Experience and/or Special Project in Public Health. Students should check with their advisors/committees before enrolling in any field schools that they intend to count toward their degree.

**Availability of Graduate Assistantships for Dual Degree Students:**

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

Students enrolled in the dual degree anthropology and public health degree programs are eligible to receive paid graduate assistantships from the College of Public Health and the Department of Anthropology. The College of Public Health agrees to provide qualified students graduate assistantships for three semesters the first year of their program and the Department of Anthropology agrees to provide assistantships for the fall and spring semesters in the second year of their program. Recipients will be selected based on recommendations from each degree program. In the past, four students per academic year have received these awards. Students not receiving assistantships from both programs remain eligible for assistantship support from either department independently.

**For more information about any of these programs, please contact:**

Dr. David Himmelgreen  
Graduate Program Director  
Department of Anthropology  
[dhimmelg@cas.usf.edu](mailto:dhimmelg@cas.usf.edu)  
(813/974-2138)

**or**

Karen D. Liller, PhD  
Associate Dean for Academic Affairs and Professor  
USF College of Public Health  
[kliller@health.usf.edu](mailto:kliller@health.usf.edu)  
(813/974-6685)

For specific questions related to the application process or forms, please contact:

Ms. Daisy Matos  
Department of Anthropology  
[dmatos@cas.usf.edu](mailto:dmatos@cas.usf.edu)  
(813/974-2726)

**or**

Ms. Beverly Sanchez  
College of Public Health  
[bsanchez@health.usf.edu](mailto:bsanchez@health.usf.edu)  
(813/974-6609)

**APPENDIX**

**Requirements for MA in Applied Anthropology**

**Contact: Dr. David Himmelgreen**

**Email: [dhimmelg@cas.usf.edu](mailto:dhimmelg@cas.usf.edu)[urbaer@cas.usf.edu](mailto:urbaer@cas.usf.edu)**

ANG 6931 Foundation I	3
ANT 6701 Contemporary Applied Anthropology	3
ANT 6766 Research Methods in Applied Anthropology	3
Graduate level statistics course fulfilled by either ANG 5486 Quantitative Methods or PHC 6050 Biostatistics	3

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

4 graduate level seminars (variable topics) in Anthropology, at least two in the area of medical/biological anthropology (usually ANG 6469 Selected Topics in Medical Anthropology)—these must be approved in advance by the student’s anthropology advisor.	12
One graduate level course outside the Department of Anthropology fulfilled by public health courses	3
ANG 6915 Internship - one semester, full-time after completion of course requirements, in the field of public health, to dually fulfill MPH requirement for Supervised Field Experience. However for students in the College of Public Health’s Global Health Practice concentration, 6 hours of an international field experience are required. Therefore the ANG 6915 Internship can count for 4 hours and the students will need to do an additional 2 hours of a supervised international public health field experience or 2 additional hours of an international Anthropology Internship,	4 with 2 added hours for Global Health
ANG 6971 Thesis - dually fulfills MPH requirement for Special Project,	6
Comprehensive exam requirement met by successfully passing Foundation I , with a grade of B or better.	n/c
<b>Total requirements for MA in Applied Anthropology</b>	<b>37</b>

**Requirements for MPH in Public Health**

Requirements include public health core courses, concentration area courses, electives, supervised field placement, comprehensive exam, and special project.

**College Core Courses (15 credits)**

PHC 6000 Epidemiology	3
PHC 6050 Biostatistics I	3
PHC 6102 Principles of Health Policy & Management	3
PHC 6357 Environmental & Occupational Health	3
PHC 6410 Social & Behavioral Sciences Applied to Health (Dual students are strongly encouraged to substitute PHC 6931 Advanced Seminar in Social and Behavioral Sciences Applied to Health)	3

**Other Requirements**

Electives	3
PHC 6945 Supervised Field Experience fulfilled by ANG 6915-Internship	4
PHC 6977 Special Project fulfilled by ANG 6971-Thesis	6
Comprehensive exam requirement met by successfully passing Foundation I with a grade of B or better.	n/c

**Specific Information on Individual Concentrations**

**Environmental Health (15 credits)**

<b>Contact: Dr. Noreen Poor</b>	<b>Email: <a href="mailto:npoor@health.usf.edu">npoor@health.usf.edu</a></b>
PHC 6301 Analysis of Water and Wastewater	3
PHC 6310 Environmental Occupational Toxicology	3

University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year

PHC 6303 Community Air Pollution	3
PHC 6512 Vectors of Human Disease	3
PHC 6356 Industrial Hygiene or approve course	2
PHC 6930 Public Health Seminar	1

**Epidemiology (15 credits)**

<b>Contact: Dr. Elizabeth Barnett</b>	<b>Email: <a href="mailto:ebarnett@health.usf.edu">ebarnett@health.usf.edu</a></b>
PHC 6051 Biostatistics II	3
PHC 6700 Research Methods in Epidemiology	3
PHC 6701 Computer Applications for Public Health Researchers	3
PHC 6017 Design and Conduct of Clinical Trails	3
PHC 6006 Epidemiology of Diseases of Major Public Health Importance	3
<b>*For this dual degree only, PHC 6006 substitutes for PHC 6053 Categorical Data Analysis</b>	

**Global Communicable Diseases (18 credits)**

<b>Contact: Dr. Boo Kwa</b>	<b>Email: <a href="mailto:bkwa@health.usf.edu">bkwa@health.usf.edu</a></b>
<b>Concentration Area (18 credits)</b>	
PHC 6251 Disease Surveillance and Monitoring	3
PHC 6510 Emerging Infectious Diseases	3
PHC 6934 The Public Health Laboratory System	3
PHC 6511 Public Health Immunology	3
PHC 6512 Vectors of Human Diseases	3
PHC 6513 Public Health Parasitology	3

**Health Care Organizations & Management (18 credits)**

<b>Contact: Dr. Alan Sear</b>	<b>Email: <a href="mailto:asear@health.usf.edu">asear@health.usf.edu</a></b>
<b>HPM Core (9 credits)</b>	
PHC 6180 Health Services Management	3
PHC 6430 Health Economics I	3
PHC 6151 Health Policy and Politics	3
<b>Concentration Area (9 credits – select 3 courses)</b>	
PHC 6181 Organizational Behavior in Health Services	3
PHC 6160 Health Care Financial Management	3
PHC 6191 Quantitative Analysis in Health Care Management	3
PHC 6196 Information Systems in Health Care Management	3

**Health Policy & Programs (15 credits)**

<b>Contact: Dr. Barbara Orban</b>	<b>Email: <a href="mailto:borban@health.usf.edu">borban@health.usf.edu</a></b>
<b>HPM Core (9 credits)</b>	
PHC 6180 Health Services Management	3
PHC 6430 Health Economics I	3
PHC 6151 Health Policy and Politics	3
<b>Concentration Area (9 credits – select 3 courses)</b>	
PHC 6150 Health Policy Analysis	3
PHC 6191 Quantitative Analysis in Health Care Management	3
PHC 6760 Health Program Evaluation	3
PHC 6420 Health Care Law, Regulation and Ethics	3

University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year

**Maternal and Child Health (18 credits)**

<b>Contact: Dr. Jeannine Coreil</b>		<b>Email: <a href="mailto:jcoreil@health.usf.edu">jcoreil@health.usf.edu</a></b>	
<b>Concentration Area Courses (9 credits)</b>			
PHC 6530 Maternal and Child Health I: Issues and Concepts			3
PHC 6537 Maternal and Child Health II: Case Studies in MCH Programs, Policies, and Research			3
PHC 6197 Community Health Data Sources and Technology			3
<b>Support Courses (9 credits – select 3 courses)</b>			
PHC 6523 Policies and Practices in Maternal and Child Nutrition			3
PHC 6533 Health Program Development and Change Process			3
PHC 6532 Women's Health Issues in Public Health			3
PHC 6531 Health Programs for Children with Special Needs			3
PHC 6535 International Maternal and Child Health			3
PHC 6707 Evaluative Approaches to Community and Family Health Education Programs			3
PHC 6414 Adolescent Health			3
PHC 6934 Selected Topics in Maternal and Child Health			3

**Public Health Education (21 credits)**

<b>Contact: Dr. Jeannine Coreil</b>		<b>Email: <a href="mailto:jcoreil@health.usf.edu">jcoreil@health.usf.edu</a></b>	
<b>Concentration Area Courses (15 credits)</b>			
PHC 6500 Foundations of Health Education			3
PHC 6508 Case Studies in Health Education			3
PHC 6707 Evaluative Approaches to Community and Family Health Education Programs			3
PHC 6505 Health Education Program Planning			3
PHC 6507 Health Education Methods			3
<b>Support Courses (6 credits – select 2 courses)</b>			
PHC 6506 Community Health Education			3
PHC 6533 Health Program Development and Change Process			3
PHC 6411 Introduction to Social Marketing for Public Health			3
HSC 6442 Prevention and Control of Unintentional Injuries			3
PHC 6414 Adolescent Health			3
PHC 6934 Selected Topics in Health Education			3
PHC 6418 Public Health and Aging			3
PHC 6934 Health Message Design			3
PHC 6934 Selected Topics in Maternal and Child Health			3

**Global Health Practice (24 credits)**

<b>Contact: Dr. Wayne Westhoff</b>		<b>Email: <a href="mailto:wwesthof@health.usf.edu">wwesthof@health.usf.edu</a></b>	
<b>PHC 6130 Global Health Principles and Contemporary Issues</b>			<b>3</b>
<b>PHC 6131 Global Health Assessment Strategies</b>			<b>4</b>
<b>PHC 6132 Global Health Program Development and Administration</b>			<b>3</b>
<b>PHC 6133 Global Health Applications in the Field</b>			<b>2</b>
<b>Focus area support courses (Some anthropology courses may apply-consult advisor)</b>			<b>12</b>
Must take 6 credit hours of Supervised Field Experience (Anthropology Internship plus 2 additional internship or public health field experience hours) in a foreign country—See above.			

## Biochemistry and Molecular Biology PhD

Most PhD programs in the biological sciences have traditionally been designed to prepare graduates for careers in academia. However, a number of graduates are turning increasingly to careers outside of the traditional pathway and this trend toward *alternative career* choices also reflects societal needs for well educated individuals who are prepared to function in settings that require expert research skills as well as public health knowledge and skills. There is an increasing demand for highly skilled professionals who can take advantage of combined educational programs in Public Health and **Biochemistry/ Molecular Biology**. See description at <http://hsc.usf.edu/medicine/biochemistry/handbook.html>. This dual degree program is a challenging education for exceptional students, requiring extra motivation and commitment, but rewards include a competitive advantage in the job market.

The PhD in Biochemistry and Molecular Biology focuses on the molecular dynamics of life, seeking to understand and describe all aspects of nature at the molecular and cellular level, including the molecular basis of human diseases.

The Master of Public Health prepares students for a professional career in a variety of public health fields and the four concentration areas that are most appropriate for this dual degree program are as follows:

1. *Toxicology and Risk Assessment* (Department of Environmental and Occupational Health) This program builds on a broad foundation in the biomedical sciences with specific attention to toxicology and risk assessment. The program is designed for advanced instruction related to decision-making and approaches to evaluation of responses of organisms (human and animal) to chemical insult and hazards. Please see the concentration description at <http://publichealth.usf.edu/eohtoxmph.html>.
2. *Environmental Health* (Department of Environmental and Occupational Health) This concentration focuses its training in the public health aspects of environmental hazards on health confronting communities today including assessment of social and economic impact, regulations and policy issues. Please see the concentration description at <http://publichealth.usf.edu/envhealthmph.html>.
3. *Global Communicable Disease* (Department of Global Health) This program provides an opportunity for biological science oriented students to develop laboratory and public health based communicable disease control skills. Students may also specialize in infection control practices. [Pending Graduate Council Approval]. Please see the concentration description at <http://publichealth.usf.edu/globalcommmdismph.html>.
4. *Epidemiology* (Department of Epidemiology and Biostatistics) As a fundamental science of public health and preventive medicine, epidemiology students are prepared with quantitative and methodological skills to analyze factors affecting health, disease rates and the distribution of disease and disabilities from a population based perspective. Please see the concentration description at <http://publichealth.usf.edu/epibioepimph.html>.

Each College reviews applicants independently and maintains their existing admission criteria and standards. A single graduate school application form is completed, listing both Biochemistry and Public Health as major areas of study. The review process may begin in either college. The timing of application should take into consideration that the COPH admits students three times per year (Fall, Spring and Summer) and the Department of Biochemistry and Molecular Biology admits students annually in the Fall. Once the applicant has been accepted into one program, the application folder is forwarded to the other program for review. After admission to both programs, the Graduate Admissions office instructs the Registrar's Office to classify the student as dually enrolled in Biochemistry/Molecular Biology and Public Health. In choosing which program to apply to first, students should take into consideration the following:

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

requirements in Biochemistry/Molecular Biology for admission are different than in Public Health, admission to one program doesn't guarantee admission to the other; and the student's interests and career plans. The dual degree student is assigned an advisor for each respective program. Upon completion of all requirements for the dual degree program, the student submits separate applications for graduation to Biochemistry/Molecular Biology and Public Health, and is certified for graduation by both programs. Sample Plans of Study for each concentration area are attached as follows.

- PhD in Biochemistry/ MPH in Public Health
- College of Public Health MPH Program Requirements for all Concentrations
  - Concentration in Environmental Health
  - Concentration in Global Communicable Disease [pending graduate council approval]
  - Concentration in Toxicology / Risk Assessment
  - Concentration in Epidemiology
- Samples Courses of Study
  - PhD / MPH in Environmental Health
  - PhD / MPH in Global Communicable Disease [pending graduate council approval]
  - PhD / MPH in Toxicology
  - PhD / MPH in Epidemiology

**PhD in Biochemistry / Molecular Biology**

<b>Required Courses</b>		<b>Credits</b>
GMS 6200	Core Course in Medical Biochemistry	5
BCH 5105	Biochemistry Laboratory Rotations	1-3
<b>Approved Electives Biochemistry / Molecular Biology</b>		
BCH 6411	Molecular Biology	4
BCH 6746	Physical Biochemistry	3
GMS 7910	Directed Research	1-19
BCH 6135	Methods in Molecular Biology	4
BCH 6876	Current Topics in Biochemistry / Journal Club	1
BCH 6876	Current Topics in Biochemistry / Journal Club	1
BCH 6876	Current Topics in Biochemistry	1
GMS 7939	Graduate Seminar	1
BCH 6876	Current Topics in Biochemistry	1
GMS 7980	Dissertation Research	2-19
<b>Options for Electives from College of Public Health</b>		
PHC 6050	Biostatistics I	3
PHC 6512	Vectors of Human Disease	3
PHC 6310	Environmental Occupational Toxicology	3
HSC 6557	Pathobiology of Human Disease II	3
PHC 6359	Xenobiotic Metabolism in Environmental and Occupational Health	3
PHC 6701	Computer Applications for Public Health Researchers	3
PHC 6051	Biostatistics II	3
<b>Options for Electives from Biochemistry and Molecular Biology</b>		
PCH 6888	Bioinformatics	2
GMS 7930	Scientific Writing and Research Ethics Selected Topics 1-3	2
BCH 6506	Advances in Enzymology	3
BCH 6876	Special Topics in Protein	2
GMS 6020	Neuroscience	5-6
PCB 6107	Advanced Cell Biology	4
GMS 6501	Cellular and Molecular Pharmacology	4
BCH 6876	Special Topics in Molecular Modeling and Drug Design	2
BCH 6876	Special Topics in Cell Signaling Pathways	2
BCH 6806	Biochemical Endocrinology	2

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

GMS 6876	Mouse Models of Gene Regulation & Disease	3
----------	---	---

[Return to list](#)

**College of Public Health MPH Program Requirements for all Concentrations**

<b>Core Courses</b>		
PHC 6000	Epidemiology	3
PHC 6050	Biostatistics I	3
PHC 6102	Principles of Health Policy and Management	3
PHC 6357	Environmental and Occupational Health	3
PHC 6410	Social and Behavioral Sciences Applied to Health	3
<b>Electives</b>	Required elected for MPH are met by Biochemistry / Molecular Biology course work.	
<b>Culminating Experiences</b>		
PHC 6945	Supervised Field Experience	3-12
	Comprehensive Exam	No credit
	PhD Dissertation meets PHC 6977 Special Project requirement	

[Return to list](#)

**Concentration in Environmental Health**

Contact Person: Dr. Noreen Poor [npoor@health.usf.edu](mailto:npoor@health.usf.edu)

PHC 6301	Analysis of Water and Wastewater	3
PHC 6310	Environmental Occupational Toxicology	3
PHC 6512	Vectors of Human Disease	3
PHC 6356	Industrial Hygiene	2
PHC 6930	Public Health Seminar	1
PHC 6303	Community Air Pollution	3

[Return to list](#)

**Concentration in Global Communicable Disease**

Contact Person: Dr. Boo Kwa [bkwa@health.usf.edu](mailto:bkwa@health.usf.edu)

[Pending Graduate Council Approval]

PHC 6251	Disease Surveillance and Monitoring	3
PHC 6511	Public Health Immunology	3
PHC 6510	Exotic and Emerging Infectious Disease	3
PHC 6513	Public Health Parasitology	3
PHC 6512	Vectors of Human Disease	3
PHC 6930	Public Health Seminar	1

[Return to list](#)

**Concentration in Toxicology / Risk Assessment**

Contact Person: Dr. Ira Richards [irichard@health.usf.edu](mailto:irichard@health.usf.edu)

PHC 6310	Environmental Occupational Toxicology	3
PHC 6511	Public Health Immunology	3
PHC 6359	Xenobiotic Metabolism in Environmental and Occupational Health	3
HSC 6556	Pathobiology of Human Disease I	3
PHC 6934	Selected Topics in Public Health	3
PHC 6930	Public Health Seminar	1

[Return to list](#)

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

**Concentration in Epidemiology**

Contact Person: Dr. Heather Stockwell hstockwe@hsc.usf.edu

PHC 6053	Categorical Data Analysis	3
PHC 6051	Biostatistics II	3
PHC 6700	Research Methods in Epidemiology	3
PHC 6701	Computer Applications for Public Health Researchers	3
PHC 6017	Design and Conduct of Clinical Trials	3

[Return to list](#)

**Following are typical year by year Courses of Study**

**PhD / MPH in Environmental Health**

Year 1	Fall	GMS 6200	Core Biochemistry	5
		BCH 5105	Biochemistry Laboratory Rotations	1-3
			Elective	2-3
			Core Course Public Health	3
	Spring	BCH 6411	Molecular Biology	4
		BCH 6746	Physical Biochemistry	3
		GMS 7418	Directed Research	Var
			Core Course Public Health	3
	Summer	BCH 6135	Methods in Molecular Biology	4
		GMS 7980	Dissertation Research	Var
			Elective	2-3
			Core Course Public Health	3
Year 2	Fall	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry/(Journal Club)	1
			Elective	2-3
			Elective	2-3
			Core Course Public Health	3
	Spring	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry/(Journal Club)	1
			Elective	2-3
			Core Course Public Health	3
	Summer	GMS 7980	Dissertation Research	Var
			Elective	2-3
		PHC 6512	Vectors of Human Disease	3
Years 3 & 4	Fall	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry	1
		GMS 7939	Graduate Seminar	1
		PHC 6301	Analysis of Water and Wastewater	3
		PHC 6356	Industrial Hygiene	2
	Spring	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry	1
		PHC 6310	Environmental/Occupational Toxicology	3
		PHC 6930	Public Health Seminar	1-3
	Summer	GMS 7980	Dissertation Research	Var
		PHC 6303	Community Air Pollution	3
		PHC 6945	Supervised Field Experience	3 min

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

[Return to list](#)

**PhD / MPH in Global Communicable Disease [Pending Graduate Council Approval]**

Year 1	Fall	GMS 6200	Core Course in Medical Biochemistry	5
		BCH 5105	Biochemistry Laboratory Rotations	1-3
			Elective	2-3
			Core Course Public Health	3
	Spring	BCH 6411	Molecular Biology	4
		BCH 6746	Physical Biochemistry	3
		GMS 7418	Directed Research	Var
	Summer		Core Course Public Health	3
		BCH 6135	Methods in Molecular Biology	4
GMS 7980		Dissertation Research	Var	
		Elective	2-3	
		Core Course Public Health	3	
Year 2	Fall	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry/(Journal Club)	1
			Elective	2-3
			Elective	2-3
			Core Course Public Health	3
	Spring	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry/(Journal Club)	1
			Elective	2-3
	Summer		Core Course Public Health	3
		GMS 7980	Dissertation Research	Var
Years 3 & 4	Fall		Elective	2-3
		PHC 6512	Vectors of Human Disease	3
		GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry	1
		GMS 7939	Graduate Seminar	1
	Spring	PHC 6510	Exotic and Emerging Infectious Disease	3
		GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry	1
		PHC 6513	Public Health Parasitology	3
		PHC 6511	Public Health Immunology	3
Summer	GMS 7980	Dissertation Research	Var	
	PHC 6251	Disease Surveillance and Monitoring	3	
	PHC 6945	Supervised Field Experience	3 min	
	PHC 6930	Public Health Seminar	1-3	

[Return to list](#)

**PhD / MPH in Toxicology**

Year 1	Fall	GMS 6200	Core Course in Medical Biochemistry	5
		BCH 5105	Biochemistry Laboratory Rotations	1-3
			Elective	2-3
			Core Course Public Health	3
	Spring	BCH 6411	Molecular Biology	4
		BCH 6746	Physical Biochemistry	3
		GMS 7418	Directed Research	Var
	Summer		Core Course Public Health	3
		BCH 6135	Methods in Molecular Biology	4

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

		GMS 7980	Dissertation Research	Var
			Elective	2-3
			Core Course Public Health	3
Year 2	Fall	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry/(Journal Club)	1
			Elective	2-3
			Elective	2-3
			Core Course Public Health	3
	Spring	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry/(Journal Club)	1
			Elective	2-3
			Core Course in Public Health	3
	Summer	GMS 7980	Dissertation Research	Var
			Elective	2-3
		HSC 6557	Pathobiology of Human Disease II	3
Years 3 & 4	Fall	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry	1
		GMS 7939	Graduate Seminar	1
		PHC 6359	Xenobiotic Metabolism or other approved course	3
	Spring	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry	1
		PHC 6310	Environmental/Occupational Toxicology	3
		PHC 6511	Public Health Immunology	3
		PHC 7931	Advanced Interdisciplinary Seminar in Mechanisms of Toxicity	1
	Summer	GMS 7980	Dissertation Research	Var
		PHC ----	Toxicology Elective	3
		PHC 6945	Supervised Field Experience	3 min

[Return to list](#)

**PhD / MPH in Epidemiology**

Year 1	Fall	GMS 6200	Core Course in Medical Biochemistry	5
		BCH 5105	Biochemistry Laboratory Rotations	1-3
			Elective	2-3
			Core Course Public Health	3
	Spring	BCH 6411	Molecular Biology	4
		BCH 6746	Physical Biochemistry	3
		GMS 7418	Directed Research	Var
			Core Course Public Health	3
	Summer	BCH 6135	Methods in Molecular Biology	4
		GMS 7980	Dissertation Research	Var
			Elective	2-3
			Core Course Public Health	3
Year 2	Fall	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry/(Journal Club)	1
			Elective	2-3
			Elective	2-3
			Core Course Public Health	3
	Spring	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry/(Journal Club)	1
			Elective	2-3

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

			Core Course Public Health	3
	Summer	GMS 7980	Dissertation Research	Var
			Elective	2-3
Years 3 & 4	Fall	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry	1
		GMS 7939	Graduate Seminar	1
		PHC 6701	Computer Applications for Health Researchers	3
		PHC 6700	Research Methods in Epidemiology	3
	Spring	GMS 7980	Dissertation Research	Var
		BCH 6876	Current Topics in Biochemistry	1
		PHC 6053	Categorical Data Analysis	3
		PHC 6051	Biostatistics II	3
	Summer	GMS 7980	Dissertation Research	Var
		PHC 6017	Design and Conduct of Clinical Trials	3
		PHC 6945	Supervised Field Experience	3 min

[Return to list](#)

Contact for Biochemistry / Molecular Biology Department: Inge Wefes, PhD at [iwefes@health.usf.edu](mailto:iwefes@health.usf.edu)

### ***Doctor of Physical Therapy (DPT)/Master of Public Health (MPH) degree program***

This exciting dual degree is offered for students enrolled in the Doctor of Physical Therapy (DPT) degree program. Students enrolled in the DPT program may seek admission to the College of Public Health, and if accepted may pursue a MPH degree in any of our departments in concert with the DPT degree.

Students enrolled in the DPT/MPH should be able to complete both programs within five years. Students will begin taking courses in the College of Public Health in year 2 of the DPT program. Students will also need to complete one hour of field experience through the College of Public Health that most likely will be merged with the required service learning in the DPT program. The COPH special project will be earned through the final critical inquiry project for the DPT. Students in this dual degree program will be assigned advisors in the College of Public Health and in the School of Physical Therapy. Please contact Dr. William Quillen, Associate Dean, School of Physical Therapy ([wquillen@health.usf.edu](mailto:wquillen@health.usf.edu)) and/or Dr. Karen Liller, Associate Dean for Academics, College of Public Health ([kliller@health.usf.edu](mailto:kliller@health.usf.edu)) for more information.

### ***Medicine***

Introduction: A dual (5 year) program has been developed for selected medical students to extend their undergraduate medical education program by one year in order to obtain the MPH degree in addition to the MD degree. Students in good academic standing will complete the medical curriculum through the second elective period of the 4<sup>th</sup> year; then be enrolled in the COPH program fall, spring, and summer semesters while maintaining clinical skills; and then return for elective periods 3-11 of the 4<sup>th</sup> year COM program. The following table indicates proposed use of COM elective "time slots" to complete the requirements of the MPH.

Elective period	COM Elective	COPH
Year 4, 1-2	X	
Year 4, 3-7		Fall term COPH*
Year 4, 8-11		Spring term COPH*

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

Year 4, 12 to Year 5, 2		Summer term COPH
Year 5, 3-11	X	

\*All students will participate in a designated continuity clinic one-half day per week during the fall and spring terms. This clinic experience counts as one elective in both the MD and the MPH programs. Depending on the concentration program at the COPH, students may be required to take additional electives. These electives will also serve as COM electives toward the senior year requirements.

*A series of electives noted in the COM elective manual serve as courses that will jointly meet COM and COPH requirements<sup>1</sup>. Samples of these courses include:*

- *Applied biostatistics and evidence based medicine*
- *Research methods*
- *Clinical electives at health departments, and so on.*

Students graduating from the COM are required to complete a one-month clerkship in neurology and a two-month clerkship in critical care. In addition, 6 other electives are required. The continuity clinic serves as one of these electives. The core courses of Epidemiology and Biostatistics, common to all of the MPH programs will count as one elective in the COM program. Therefore, 4 additional electives are required. Thus, 7 required months (3 clerkship, 4 elective) will be taken during the 11 elective periods available. Ample time will be available for preparation for the USMLE Step 2 exam and for residency interviewing. Additional electives may be taken if so desired. The Step 2 exam must be taken prior to beginning the Fall Term in the MPH program.

The MPH concentrations that will be available to medical students include:

***Epidemiology*** - The MPH program 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. The concentration website is <http://publichealth.usf.edu/epibioepimph.html>.

***Occupational Health for Health Professionals*** - The MPH in Occupational Health is an academic program that prepares occupational medicine physicians and health professionals with the research and professional knowledge and skills necessary to address the complex health and safety issues found in today's business environment. There is sufficient flexibility to accommodate a variety of interests and career goals, including: practice of occupational medicine in an industrial setting; development, administration and management of occupational health programs, practice of occupational medicine in an industrial setting; the development and management of governmental programs which may be required by law to provide surveillance, monitoring and hazard evaluation; careers in teaching and research in an academic setting or; planning, management and administration of occupational programs in an industrial setting emphasizing epidemiological, clinical and toxicological research. The MSPH curriculum focuses on the worker, the workplace, information management and administration. The student is provided the opportunity to acquire sufficient knowledge and skills to administer and manage occupational health services programs. The MSPH emphasizes protective and preventive

---

<sup>1</sup> HSA 4011 Introduction to Public Health is an elective for senior medical students NOT in the MPH / MD program or who already possess an MPH.

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

policies, procedures, practices and programs. Information management and administration are stressed. The MSPH also gives importance to social, legal, and ethical issues concerns. There is emphasis and sufficient opportunity for conducting research; students are sufficiently prepared to pursue further graduate work (e.g., PhD degree) or pursue a career in an academic institution. This concentration would meet the course requirements for residency in Preventive / Occupational Medicine. The concentration website is <http://publichealth.usf.edu/occupationalmph.html>.

**Health Care Organizations 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. The concentration website is <http://publichealth.usf.edu/healthcareorganizationsandmanagement.html>.

**Maternal and Child Health** - The MPH 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. The concentration website is <http://publichealth.usf.edu/mphmch.html>.

Typical MPH Plans of Study for Medical Students

<p><b>Epidemiology</b></p> <p>Semester 1 (Fall: Middle Aug.-Early Dec., after third year medical school completed)            PHC 6000 Epidemiology (3)            PHC 6050 Biostatistics I (3)            PHC 6701 Computer Applications for Public Health Researchers (3)            PHC 6102 Principles of Health Policy and Management (3)</p> <p>Semester 2 (Spring: Second week in Jan.-Last week in April, after third year medical school completed)            PHC 6700 Research Methods in Epidemiology (3)            PHC 6000 Epidemiology (3)            PHC 6051 Biostatistics II (3)            PHC 6357 Environmental and Occupational Health (3)            PHC 6410 Social and Behavioral Sciences Applied to Health (3)</p> <p>Semester 3 (Spring January – April, after fourth year medical school fall courses completed)            PHC 6053 Categorical Data Analysis (3)            PHC 6977 Special Project (3)            Comprehensive Exam</p>
<p><b>Occupational Health for Health Professionals</b></p> <p>Semester 1 (Fall: Middle Aug.-Early Dec., after third year medical school completed)            PHC 6350 Occupational Health Risk Assessment (3)            PHC 6356 Industrial Hygiene (2)            PHC 6351 Occupational Medicine for Health Professionals (2)            PHC 6000 Epidemiology (3)            PHC 6357 Environmental and Occupational Health (3)</p>

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

Semester 2 (Spring: Second week in Jan.-Last week in April, after third year medical school completed)

- PHC 6934 Preventive Medicine (2)
- PHC 6357 Environmental and Occupational Health (3)
- PHC 6410 Social and Behavioral Sciences Applied to Health (3)
- PHC 6050 Biostatistics I (3)
- PHC 6102 Principles of Health Policy and Management (3)

Semester 3 (January – April, after fourth year medical school fall courses completed)

- PHC 7019 Occupational Epidemiology (3)
- PHC 6102 Principles of Health Policy and Management (3)
- PHC 6930 Public Health Seminar (1)
- PHC 6977 Special Project (3)
- Comprehensive Exam

**Health Care Organizations and Management**

Semester 1 (Fall: Middle Aug.-Early Dec., after third year medical school completed)

- PHC 6102 Principles of Health Policy and Management (3)
- PHC 6000 Epidemiology (3)
- PHC 6181 Organizational Behavior in Health Services
- PHC 6050 Biostatistics I (3)

Semester 2 (Spring: Second week in Jan.-Last week in April, after third year medical school completed)

- PHC 6180 Health Services Management (3)
- PHC 6430 Health Economics I (3)
- PHC 6410 Social and Behavioral Sciences Applied to Health (3)
- PHC 6357 Environmental and Occupational Health (3)

Semester 3 (January – April, after 4<sup>th</sup> year medical school fall courses completed)

- PHC 6160 Health Care Financial Management (3)
- PHC 6151 Health Policy and Politics (3)
- PHC 6977 Special Project (3)
- Comprehensive Exam

**Maternal and Child Health**

Semester 1 (Fall: Middle Aug.-Early Dec., after third year medical school completed)

- PHC 6000 Epidemiology (3)
- PHC 6102 Principles of Health Policy and Management (3)
- PHC 6410 Social and Behavioral Sciences Applied to Health (3)
- PHC 6530 Maternal and Child Health I: Issues and Concepts (3)

Semester 2 (Spring: Second week in Jan.-Last week in April, after third year medical school completed)

- PHC 6197 Community Health Data Sources and Technology (3)
- PHC XXXX Maternal and Child Health Support Course (3)
- PHC 6050 Biostatistics I (3)
- PHC 6537 Maternal and Child Health II: Case Studies in MCH Programs, Policies, and Research (3)
- PHC 6357 Environmental and Occupational Health (3)

Semester 3 (January – April, after fourth year medical school fall courses completed)

- PHC XXXX Maternal and Child Health Support Course (3)
- PHC XXXX Maternal and Child Health Support Course (3)
- Comprehensive Exam

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

*Notes:*

- *Core courses are offered every semester (Epidemiology, Social and Behavioral Sciences Applied to Health, Environmental and Occupational Health, Health Policy and Management and Biostatistics I).*
- *Special Project may be continued after semester, if necessary.*
- *Web based courses are available every semester; the offerings vary.*
- *Course substitutions may be possible for selected concentration courses when necessary.*

Application: Interested medical students will apply to the College of Public Health during the Spring of the third year of medical school. The College of Public Health accepts the MCAT scores, so the GRE will not be required. The application process includes:

1. USF Graduate Application is located at [http://admissions.grad.usf.edu/prospective/Graduate\\_Application.html](http://admissions.grad.usf.edu/prospective/Graduate_Application.html)
2. Unofficial transcript of medical school grades (copies from College of Medicine Admissions Office)
3. Copy of MCAT scores (from College of Medicine Admissions Office)
4. One letter of recommendation from a College of Medicine faculty member who has knowledge of applicant's academic performance
5. Resume
6. College of Public Health Supplemental Application Form which is located at <http://publichealth.usf.edu/forms.html>

Admission Process:

Once all application materials are received they are forwarded to the appropriate department in which the selected concentration is based. The department's admission committee reviews the applications and makes a recommendation to the department chair. The Associate Dean for Academic Affairs reviews all admission files and makes a recommendation to Graduate Admissions. The Graduate Admissions Office and the department then send written notification to the applicant.

Advising: Once admitted, each student will be assigned a faculty advisor in the appropriate College of Public Health department. The faculty advisor is only responsible for guiding the student through the public health program and not responsible for advising students related to medical school curriculum. It is the student's responsibility to schedule a meeting with their advisor well before each semester begins in order to plan and approve upcoming course work. The advisor is also responsible for guiding the student through the special project that is generally completed toward the end of course work. Students should meet with their advisor if there are academic issues, such as inadequate GPA (minimum GPA to graduate is 3.0), schedule changes, or other academic concerns. Since the Registrar's Office maintains separate databases for medical students, students/advisors will not need to complete USF's dual degree form.

Tuition: Since the academic calendar of the COM is not identical to the COPH, the COM will collect a prorated tuition for elective periods 1 and 2 of the 4 year. Then the medical student will enroll and pay tuition at the COPH for the balance of the 4<sup>th</sup> year and then pay prorated COM tuition for elective periods 3 through 11 of the 5<sup>th</sup> year. This approach assures eligibility for financial aid continues.

Diploma: Medical students who complete an MPH will receive a separate diploma for their MPH.

## **Social Work**

The University of South Florida offers a dual-degree program with a clinical social work concentration combined with a public health concentration in either **Maternal & Child Health** OR **Behavioral Health**. The MSW and the MPH programs were developed as mandated by the Florida legislature to respond to the public health needs of the state. The dual-degree program was initiated in 1986 and produced its first graduate in 1988.

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

Social Work is an essential component of both maternal and child health as well as behavioral health. The combination of degrees in public health and social work ideally equips graduate students to prepare for careers in both social work and public health settings with the ability to fill clinical, administrative, and evaluative roles, which positively affect the lives of women, children, and various populations-at-risk in a changing society.

For social work students seeking the dual-degree, expanded study in public health encourages a well-balanced macro-micro orientation to clinical practice. Such expansion can equip the social work student with specific skills that result in comprehensive and effective client interventions in health care settings. The fundamental methodological tools of public health, such as biostatistics, epidemiology, and health management and evaluation, further assist the social worker in targeting the needs of individuals and communities. The MPH / MSW dual-degree program is a two-and-a-half to three year, full-time course of study.

- The Maternal and Child Health Concentration 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. Areas of programmatic focus include child health, women's health, childhood injury, family and community violence, children with special needs, and others. (Contact is Martha Coulter, DrPH, email [mcoulter@hsc.usf.edu](mailto:mcoulter@hsc.usf.edu)). Find the MCH concentration at <http://publichealth.usf.edu/mphmch.html>.
- The **Behavioral Health Concentration** is concerned with the study of mental disorders and substance disorders in community populations. The focus areas include children's mental health services, community-based prevention, evaluation and accountability, evidence-based practice in behavioral health, homelessness, multi-cultural issues in mental health, and epidemiologic issues in mental disorders, including co-occurring disorders. (Contact is Bruce Levin, MPH, DrPH, email [Levin@fmhi.usf.edu](mailto:Levin@fmhi.usf.edu)). Find the Behavioral Health concentration at <http://publichealth.usf.edu/cfhbehavioralmph.html>.

### **Prerequisites and Taking Courses before Admittance**

#### **Public Health:**

It is recommended that students take some Public Health courses prior to admission to the dual-degree program. This reduces stress related to logistical conflicts in course scheduling. These courses can be taken prior to full admission to the College of Public Health and before acceptance to the dual-degree as the College of Public Health allows students to transfer in a maximum of 12 credits taken before admittance to a course of study.

Students are required to take the following two courses as prerequisites if they do not have a strong public health background (to be determined by faculty advisor):

HSA 4011	Introduction to Public Health (3)
HSC 4554	Survey of Human Diseases. (3)

Social Work advanced standing students may also wish to take public health courses the fall before social work courses begin. It is recommended that students take two of the Public Health Core Courses immediately upon admission:

PHC 6000	Epidemiology (3)
PHC 6050	Biostatistics I (3)

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

If students choose the **Maternal and Child Health Concentration**, they should consider taking the following courses as soon as possible:

PHC 6530	Maternal and Child Health I: Issues and Concepts (3)
PHC 6197	Community Health Data Sources and Technology (3)
PHC 6537	Maternal and Child Health II: Case Studies in MCH Program, Policies, and Research (3)

For students selecting the **Behavioral Health Concentration**, they should consider taking the following courses as soon as possible:

MHS 7740	Survey Course in Planning Evaluation and Accountability (3)
PHC 6542	Epidemiology of Mental Disorders (3)
PHC 6543	Foundations in Behavioral Health Systems (3)
PHC 6544	Children's Mental Health Services (3)

Students requesting waivers for any courses must meet with their assigned advisors to present their case.

### **Application for the Dual Master's Degree**

Students may apply to enter the dual masters program by applying to both programs simultaneously (indicating this intention on their application forms), or may add Social Work after admission to the Public Health Program, or add Public Health after admission to the Social Work Program. Applications for the Dual Master's Degree may be obtained from the Academic Affairs at the College of Public Health. The application should be signed by the MSW Program Chair at the School of Social Work (813-974-1372) and then returned to the Academic Affairs Office in Room 1150. The application process is coordinated between the School of Social Work and the College of Public Health. If the student is already in the Social Work program, only one additional letter of recommendation is needed for the Public Health application. If the student is already in the Public Health Program additional letters of recommendation may be needed for the application to Social Work.

Additional requirements for the dual-degree program for Social Work Students adding Public Health include a supplemental application form, a written statement from the student, and an updated resume. The supplemental application form may be obtained by accessing the College of Public Health website at under "**Forms**" which is located at <http://publichealth.usf.edu/forms.html>. The name of the form you need is *COPH Supplementary Information Form for Application to the MPH Program*. The written statement should discuss how the dual degree program would meet the student's academic and career goals. The statement must be typewritten, one page, and double-spaced. Both the written statement and resume should be attached to the supplemental application form.

#### Helpful Hints:

- **If you have already been accepted to either** the College of Public Health or the School of Social Work, and then decide to apply for the dual major, the Academic Affairs Office of the NEW major will need a copy of the following things from your EXISTING major. You will need a copy of your application, GRE scores, Transcripts, and Letters of Recommendation and bring these copies to the Academic Affairs Office of the NEW major to which you are applying. You will also need a letter from your current Advisor recommending you for the new major.
- **If you are applying to both at the same time**, both schools will need to receive copies of the required materials directly.
- Please contact the Academic Affairs Office of the College of Public Health at 974-6505 for more information.

### **Admission requirements for MSW**

Admission to the MSW program is a two-part procedure.

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

**Part 1**

Applications are made first to Graduate Studies of the University. There are application forms available for this purpose from the Graduate Studies at [http://admissions.grad.usf.edu/prospective/Graduate\\_Application.html](http://admissions.grad.usf.edu/prospective/Graduate_Application.html). Admission to one program does not guarantee admission to the dual-degree. Applicants must meet at least the following university criteria. Check **full criteria** at the Graduate School Site at <http://admissions.grad.usf.edu/prospective/criteria2.html>:

1. Have earned a "B" (3.0) average in all upper divisional baccalaureate studies attempted while registered.
2. Submit Graduate Record Examination scores, no more than five years old, to the Graduate Admissions Office. The University requires a total verbal-quantitative score of 1000 or a "B" (3.0) average in the last 2 years of baccalaureate work.
3. Submit two official transcripts of all undergraduate and graduate course work attempted and/or completed.

**Part II**

**Admission Criteria for the Master of Social Work Program** (which is located at [http://www.cas.usf.edu/social\\_work/mswadmissions.html](http://www.cas.usf.edu/social_work/mswadmissions.html)) includes:

1. A completed application form to the School of Social Work in addition to the above mentioned Graduate Admissions Office form.
2. Previous social service related experience; a year of related experience is preferred, but not required.
3. References from previous supervisors, faculty or advisors.
4. A 500-word biographical sketch.
5. An interview with the Social Work faculty member may be required.

Additionally, all applicants must attain a liberal arts background, which is defined as the current State of Florida University System general education requirements:

- 6 hours English composition
- 6 hours Humanities
- 6 hours Quantitative Math (courses such as computer operations, statistics, or logic of numbers may be acceptable substitutes)
- 6 hours of Natural Sciences (one of which must be Human Biology or an equivalent such as: Food and Drugs, Human Sexuality, or Sex, Reproduction, and Population)
- 6 hours Social Sciences or their equivalent

Full-time students are admitted to the MSW program in the fall semester. Applicants are urged to check the current University catalogue for admission dates. Advanced standing students can be admitted in the summer and spring.

**NOTE:** Social work students who are interested in becoming dual master's students should apply to the Public Health portion of the dual-degree program during their first semester and before starting their research project or field placement. It is possible to enter during the second semester but when beginning the research project in social work; the Public Health advisor should be consulted. Failure to do so may lead to additional course work. To maintain good academic standing, a minimum of a 3.0 GPA in each program is required.

**Admission requirements for MPH**

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

Students who wish to apply to the MPH program may submit their application for the fall, spring, or summer semester with priority admission deadline dates noted in the application. The **USF Graduate Application Form** may be downloaded from the Office of Graduate Studies web site at [http://admissions.grad.usf.edu/prospective/Graduate\\_Application.html](http://admissions.grad.usf.edu/prospective/Graduate_Application.html).

To be considered for admission, a first-time graduate student or a student transferring from another graduate program should meet the following minimum **College of Public Health criteria**:

1. Applicants must have a Bachelor's degree or equivalent from a regionally accredited university.
2. All applicants, except those with advanced degrees requesting a waiver as noted below, must take the Graduate Record Exam (GRE) or an equivalent measure approved by the Board of Regents within five years preceding application.
3. MPH requirements include an earned "B" average (3.0 on a 4.0 scale) or better in all work attempted while registered as an upper division (baccalaureate degree) student OR a total Quantitative and Verbal GRE General Test score of 1000 or higher.
4. Prerequisite courses, HSC 4554 Survey of Human Disease and HSC 4203 Introduction to Public Health, or their equivalent knowledge are required and may be taken after admittance to the College.

#### **COURSE WORK**

##### Master of Social Work Course Work

SOW 6105 Foundations in Human Behavior \* (3)  
SOW 6114 Individual Growth and Development Theory (3)  
SOW 6124 Theoretical Perspectives on Mental Dysfunctioning (3)  
SOW 6126 Theoretical Perspectives on Physical Dysfunctioning (2)  
SOW 6235 Foundations of Social Welfare Policy \* (3)  
SOW 6236 Social Welfare Policy Analysis and Design (3)\*\*  
SOW 6405 Foundations of Social Work Research and Statistics \* (3)  
SOW 6425 Clinical Research (2)  
SOW 6426 Field Research I (1)  
SOW 6427 Field Research II (1)  
SOW 6305 Fundamentals of Social Work Practice \* (3)  
SOW 6348 Clinical Practice Perspectives on Race and Culture (2)  
SOW 6342 Individual, Family and Group Treatment I (3)  
SOW 6362 Individual, Family and Group Treatment II (4)  
SOW 6368 Individual, Family and Group Treatment III (3)  
SOW 6375 Macro Practice Seminar (3)  
SOW 6534 Field Instruction I (3)  
SOW 6535 Field Instruction II (6)  
SOW 6536 Field Instruction III (4)  
➤ Approved electives (6) \*\*\*

TOTAL HOURS: 60

- \* First semester foundation courses may be waived for students holding a BSW.  
\*\* PHC 6102 Principles of Health Policy and Management may be substituted for SOW 6236, Social Welfare Policy Analysis and Design  
\*\*\* Public Health Courses may be taken as 6 hours of Social Work Electives.

##### **Master of Public Health Course Work**

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

**Maternal and Child Health Concentration**

[http://admissions.grad.usf.edu/prospective/Graduate\\_Application.html](http://admissions.grad.usf.edu/prospective/Graduate_Application.html)

- Foundation Courses in Social work, 6105, 6405, or 6235 may substitute for PHC 6410 Social and Behavioral Sciences Applied to Health.
- Social Work Courses may be taken as 3 hours of Public Health approved electives.
- Field Placement for MPH is usually combined with MSW clinical placement & Special Project for MPH is usually combined with MSW special project.

Public health courses with a clinical content may count toward Social Work licensure, but the Director of the School of Social Work must first approve them.

**Behavioral Health Concentration**

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

PHC 6410 Social and Behavioral Sciences Applied to Health may be waived for students with extensive social work, psychology, or counseling backgrounds.

**For Both Concentrations**

**Field Placement:** PHC 6945 Supervised Field Experience (Public Health – see <http://publichealth.usf.edu/academicaffairs/fe/>) is usually combined with the Social Work clinical placement. The placement is handled primarily through the Social Work Department, with prior consultation with the Public Health advisor. The dual-degree program is designed to afford students an opportunity to learn a more holistic interdisciplinary approach to planning services particularly in maternal child health settings. Students enrolled in the dual-degree program will take three semesters of field placement, in accord with the requirements of the MSW program.

**Research Project:** The student should consult with the Public Health and Social Work advisor before beginning the joint research project. Work on the research project is most often done simultaneously with the field placement.

**Integrative Seminar:** This seminar is usually taken in the second year of the social work program but may be taken later. This one-hour seminar, which primarily focuses on integrating Public Health and Social Work, is required for all dual master's students.

A **Comprehensive Exam** is also required before completion of the MPH portion of the program. The exam includes a section on core courses and a section on concentration area courses (such as Maternal and Child Health or Behavioral Health).

**Important Department and Faculty Links**

MPH: Department of Community & Family Health Faculty at <http://hsc.usf.edu/publichealth/cfh/faculty+listing.html>  
College of Public Health Contact Information at <http://publichealth.usf.edu/aacontacts.html>

USF Louis de la Parte Faculty (Florida Mental Health Institute)

Armstrong, Mary I., MSW, PhD	<a href="mailto:armstrong@fmhi.usf.edu">armstrong@fmhi.usf.edu</a>
Becker, Marion RN, PhD	<a href="mailto:mbecker@fmhi.usf.edu">mbecker@fmhi.usf.edu</a>
Boothroyd, Roger A. PhD	<a href="mailto:boothroyd@fmhi.usf.edu">boothroyd@fmhi.usf.edu</a>
Clark, Colleen PhD	<a href="mailto:cclark@fmhi.usf.edu">cclark@fmhi.usf.edu</a>
Friedman, Robert M. PhD	<a href="mailto:friedman@fmhi.usf.edu">friedman@fmhi.usf.edu</a>
Hanson, Ardis MLS	<a href="mailto:hanson@fmhi.usf.edu">hanson@fmhi.usf.edu</a>

*University of South Florida College of Public Health  
College Catalog  
2006/2007 Academic Year*

Hernandez, Mario PhD	<a href="mailto:hernandez@fmhi.usf.edu">hernandez@fmhi.usf.edu</a>
Levin, Bruce Lubotsky, MPH, DrPH	<a href="mailto:levin@fmhi.usf.edu">levin@fmhi.usf.edu</a>
Massey, O. Tom PhD	<a href="mailto:massey@fmhi.usf.edu">massey@fmhi.usf.edu</a>
Gregory Teague, PhD	<a href="mailto:Teague@fmhi.usf.edu">Teague@fmhi.usf.edu</a>
John C. Ward, Jr., PhD	<a href="mailto:ward@fmhi.usf.edu">ward@fmhi.usf.edu</a>
Jack Zusman, M.D., MPH	<a href="mailto:zusman@fmhi.usf.edu">zusman@fmhi.usf.edu</a>

School of Social Work Faculty at [http://www.cas.usf.edu/social\\_work/sok4.html](http://www.cas.usf.edu/social_work/sok4.html)

School of Social Work at [http://www.cas.usf.edu/social\\_work/index.html](http://www.cas.usf.edu/social_work/index.html)

**Student Resources:** Please look at the following two websites for information on student resource information. We have pointed out some specific ones of which we encourage you to be aware.

- Pubic Health **Tuition and Fees and Financial Assistance** at <http://publichealth.usf.edu/financial.html>
  
- **Social Work Student Supports** at [http://www.cas.usf.edu/social\\_work/studentsupport.html](http://www.cas.usf.edu/social_work/studentsupport.html)
  
- Graduate Assistantships: Graduate assistantships are awarded each semester and are available through both the School of Social Work and the Department of Community and Family Health. Graduate assistants may be assigned to assist with research or teaching functions, assist in developing seminars or workshops, or do other work that is related to graduate study as well. Graduate assistants are paid a biweekly stipend and sometimes qualify to receive tuition waivers as well. Students should consult the web sites above, inquire within the department, with the office of field placement, and with individual faculty members about upcoming assistantship openings.
- Maternal-Child Health (MCH) Traineeships: Federally funded traineeships in maternal and child health are available to students admitted to the MPH or Ph.D. programs in maternal and child health within the Department of Community and Family Health. Traineeships provide stipends and/or financial assistance toward tuition. MCH traineeships tend to be competitive awards and the availability of the traineeships is dependent on annual funding. Interested students should hold a degree in an MCH relevant field and have career goals that indicate a commitment to MCH. Applications should be forwarded to students once the application for admission to the graduate school is received. Students should indicate their interest in the traineeship at the time of application.
- Scholarships from the School of Social Work: The Betty Bodde, Margaret Wright, and Wayne Vasey Scholarships are offered by the School of Social Work at various times throughout the year. Each of the three scholarships offers an award up to \$500. For more information, contact the School of Social Work at (813) 974-2063.