

COLLEGE OF PUBLIC HEALTH

UNIVERSITY OF SOUTH FLORIDA 2012-2013 UNDERGRADUATE CATALOG

As we enter the new millennium, public health looms large at the forefront of the world's concerns. Population pressures, environmental problems, maternal and child healthcare, disaster management, new emerging diseases, behavioral challenges, healthcare management and cost containment demand solutions from the public health professional. To meet these challenges, the mission of the College of Public Health is to promote public health through research, education and services. The USF College of Public Health is one of 49 public health colleges in the nation and is fully accredited by the Council on Education for Public Health. The College has five departments: Community and Family Health, Epidemiology and Biostatistics, Environmental and Occupational Health, Health Policy and Management, and Global Health.

The purpose of the undergraduate curriculum offered in the College is to promote student-centered learning so the students may articulate the role of public health in disease prevention and health promotion locally, statewide, nationally, and globally. Moreover, students will be able to analyze public health issues related to a particular concentration area, become knowledgeable about dynamic career paths in public health and develop an understanding of public health that serves as a foundation for the pursuit of graduate public health degrees.

Undergraduate students seeking careers in public health are invited to refer to the College website <http://publichealth.usf.edu/undergrad>, or contact the College advisor: Annette Mason via email at amason@health.usf.edu to request the *College of Public Health Career Guide*. Students may review the broad range of public health professions and also plan an undergraduate program that will meet the College's admission requirements for graduate work. Introduction to Public Health and Survey of Human Disease (or their equivalent) are prerequisites for several concentrations prior to graduate study in public health. Undergraduate College courses are offered through traditional classroom methods and online courses.

The USF College of Public Health offers a Bachelor's of Science in Public Health, several 5-Year Undergraduate Accelerated Entry to the Master's in Public Health and a General Public Health Minor.

Public Health General Guidelines

Admission Standards

Admission to the College of Public Health is open to students who have been accepted into the University of South Florida and have declared a major in public health. Undergraduate students must submit a formal application for admission into the College of Public Health during orientation and advising for new students.

Graduation Requirements

The College of Public Health offers one undergraduate degree: Bachelor of Science.

1. Complete at least 120 accepted semester hours with a minimum USF cumulative GPA and overall GPA of 2.00. (Important! All grades including "D"s and "F"s are used to calculate GPAs for students in the College of Public Health.)
2. Maintain a major GPA of 2.00 in USF coursework.
3. Complete the Foreign Language Entrance Requirement if entering USF fall semester, 1987 or later.
4. Students enrolling in a college must satisfy BOG Regulation 6.017 (6A Gordon Rule) concerning computation and communication. Transfer students who enter the University of South Florida with 60 or more semester hours from a regionally accredited institution are considered to have met the communication portion of the Gordon Rule.
5. Complete Core Curriculum Requirements of 36 hours credit:
 - Six (6) hours credit in English Composition
 - Six (6) hours credit in Quantitative Methods
 - Six (6) hours credit in Natural Sciences (3 credit hours in Life Science and 3 credit hours in Physical Science)
 - Six (6) hours credit in Social Sciences
 - Six (6) hours credit in Humanities
 - Three (3) hours credit in Fine Arts
 - Three (3) hours credit in Human and Cultural Diversity and Global Context
 - Exit Requirements of 6 hours credit
 - Three (3) hours credit in a Capstone course
 - Three (3) hours credit in a Writing Intensive course
6. Physical Education coursework is limited to 2 semester hours.
7. ROTC courses are limited to 9 semester hours.
8. None of the 20 credits may be taken in the student's major as S/U unless S/U is the only grading option. Coursework fulfilling the Gordon Rule requirement may not be taken S/U.
9. The Audit option is available only during the first 5 days of classes.
10. Complete at least 9 semester hours at a Florida public university in the Florida State University System during summer terms if entering USF with fewer than 60 semester hours.
11. "D" grades are not acceptable in the major.

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12. Complete all major course requirements.
13. Complete a minimum of 48 hours of upper-level courses (numbered 3000 or above).
14. Thirty (30) of the last 60 semester hours must be completed at USF to fulfill the residency requirement.

• PUBLIC HEALTH (PUB) (CIP=51.2201)

USF offers the first Bachelor's in Public Health housed in its accredited College of Public Health in Florida. The Bachelor of Science in Public Health provides the student-centered courses required for entry-level public health jobs found in government agencies, health corporations, community non-profit organizations and healthcare facilities.

Undergraduate public health students are encouraged to participate in research ranging from laboratory studies to participatory community-based research with a focus on the culturally competent aspects of healthy community development including the social, economic, educational components. This research provides entry-level student employment opportunities on a variety of specific public health projects while learning basic research skills including data collection, data entry and technical report writing. Under faculty leadership, students are mentored to achieve personal goals whether they choose employment after their bachelor's degree or admission into a graduate or professional program.

The B.S. in Public Health is a generalist degree with no concentrations, tracks or specializations.

Students completing the B.S. in Public Health will be able to:

1. Identify and articulate the core functions of public health.
 - a. Explain the basic principles of epidemiology.
 - b. Assess social and behavioral interventions to improve health of populations.
 - c. Identify the impact of the environment and communicable diseases on health.
 - d. Explain the role that public health plays in disaster prevention and management and evaluate public policy issues with respect to access, quality and cost when understanding health disparities within vulnerable populations.
2. Exhibit critical thinking and analytical abilities, including the capacities to engage in inductive and deductive thinking and quantitative reason, and to construct sound arguments.
 - a. Identify topics pertaining to public health research.
 - b. Generate research questions, analyze and present data, and interpret and discuss findings.
 - c. Demonstrate awareness about current public health topics including an analysis of the societal attitudes that generate differences on current public health topics.
3. Communicate using effective oral skills.
 - a. Demonstrate an ability to contribute effectively to group discussions and presentations.
 - b. Apply effective public speaking skills during classroom presentations.
4. Develop effective written presentations.
 - a. Demonstrate the use of information literacy skills such as locating and evaluating pertinent public health information.
 - b. Demonstrate the ability to use library resources and scientific databases.
 - c. Exhibit proper referencing secondary materials in APA format.

Bachelor of Science in Public Health Curriculum

Lower Level: 60 Hours

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| Core Curriculum: | 36 hours |
| Prerequisites: | 6 hours |
| Lower Level Electives: | 18 hours |

Foundations of Knowledge & Learning Core Curriculum (General Education): (36 hours)

- 6 English Compositions
- 3 Fine Arts
- 3 Human and Cultural Diversity in a Global Context
- 6 Humanities
- 6 Mathematics OR 3 Mathematics & 3 Quantitative Reasoning
- 3 Natural Science (Life Science)
- 3 Natural Science (Physical Science)
- 6 Social and Behavioral Sciences

Prerequisites: (6 hours)

- PHI 1600 Introduction to Ethics or equivalent course
- ENC 2210 Technical Writing or equivalent course

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Lower Level Electives: (18 hours)

(Suggested Lower Level Public Health Courses)

- HSC 2017 Careers in Public Health
- HSC 2100 Contemporary Health Science
- HSC 2130 Sex, Health and Decision Making
- HSC 2933 Selected Topics in Public Health

Upper Level: 60 Hours

- Public Health Core: 33 hours
- Public Health Electives: 12 hours
- Exit Requirements: 6 hours
- Upper Level Electives: 9 hours

Public Health Core Courses (33 hours)

- PHC 4101 Introduction to Public Health
- HSC 4551 Survey of Human Disease
- PHC 4030 Introduction to Epidemiology
- PHC 4069 Biostatistics in Society
- PHC 3302 Introduction to Environmental & Occupational Health
- HSC 4211 Health, Behavior and Society
- HSC 4537 Medical Terminology
- HSC 4630 Understanding U.S. Health Care
- HSC 4624 Foundations of Global Health
- PHC 4942 Public Health Seminar / Visits (Two 3 credit courses)

Public Health Electives (Choose 4 courses = 12 hours)

- HSC 3541 Human Structure and Function
- HSC 4134 Prevention of Mental Illness
- HSC 4172 Women's Health: A Public Health Perspective
- HSC 4580 Foundations of Food Safety
- HSC 4504 Foundations of Public Health Immunology
- HSC 4579 Foundation of Maternal & Child Health
- PHC 4031 Emerging Infectious Diseases
- PHC 4542 Stress, Health and College Life
- PHC 4406 Pop Culture, Vices and Epidemiology
- PHC 4931 Health Care Ethics
- HSC 4933 Special Topics in Public Health

Exit Requirements: 6 hours

- 3 Capstone: HSC 4631 Critical Issues in Public Health
- 3 Writing Intensive: PHC 4720 Scholarly & Professional Writing in Public Health

Upper Level Electives: 9 hours

Please contact the Undergraduate Advisor for possible elective course.

It is required that every student complete at least 9 semester hours at a Florida public university in the Florida State University System during summer terms if entering USF with fewer than 60 semester hours.

5-Year Undergraduate Accelerated Entry for Master's Degree in Public Health

Undergraduate students who are seeking a career in public health can select to major in a broad range of Bachelor degree programs including engineering, business, social sciences, biological sciences, nursing, social work, pre-medicine, other allied health specialties or interdisciplinary degrees in order to be prepared for graduate work in the College. Pre-medical students seeking admission to medical school may want to consider completing a Master's degree in public health prior to application or admission to medical schools or as an alternative to clinical degrees. The College offers several programs that allow students to complete their undergraduate and Master's degrees in an accelerated format including the Undergraduate Accelerated Entry Program for Master's Degree in Public Health Education, Fast Track for Honors BMS, ISS and INS Students, and (4 + 1) Environmental and Occupational Health.

Undergraduate (3+2) Master's Degree in Public Health Education

The Department of Community and Family Health in the College of Public Health offers an accelerated entry program that enables qualified undergraduate students to enter the Master of Public Health (MPH) degree program with a concentration in Public Health Education. Applicants must have attained a grade point average of at least a 3.00 on a four-point scale, or received a minimum Verbal GRE score of 500 and a minimum Quantitative GRE score of 550. 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 contact the advisor upon completing 60 undergraduate semester

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hours. Contact: Annette Mason (813) 974-9135; email: amason@health.usf.edu.

Fast Track for Honors BMS, ISS and INS Students

Undergraduate students in Honors programs will be eligible to apply for admission to selected graduate degree programs in public health during their senior year. This fast track format will allow eligible seniors to complete up to 20 graduate credits in public health which will count toward the Bachelor's degree as well as a Master of Public Health (MPH) or Master of Science in Public Health (MSPH). These graduate degrees vary in credit hours. **Application deadline for these programs is June 1 for guaranteed consideration. Applications will be accepted during the junior year. A minimum score of 450 for the verbal and 550 for quantitative sections of GRE, good standing in Honors program, senior status, and 2 letters of recommendation from undergraduate faculty are required. For further information: <http://publichealth.usf.edu/fasttrack.html>**

(4 + 1) Environmental and Occupational Health

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 Departmental Student Affairs and Admission Committee; and approval by the College and Graduate School. Contact: Annette Mason, (813) 974-9135; email: amason@health.usf.edu.

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 concepts and issues.
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, assisted by academic advisors in the student's major and College of Public Health.

Required Courses (9 credit hours):

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| PHC 4101 Introduction to Public Health | 3 |
| HSC 4551 Survey of Human Disease | 3 |
| PHC 4030 Introduction to Epidemiology | 3 |

Electives (9 credit hours):

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| HSC 2100 Contemporary Health Science | 3 |
| HSC 2130 Sex, Health and Decision Making | 3 |
| PHC 3302 Introduction to Environmental & Occupational Health | 3 |
| HSC 3541 Human Structure and Function | 3 |
| PHC 4069 Biostatistics in Society | 3 |
| HSC 4134 Prevention of Mental Illness | 3 |
| HSC 4172 Women's Health: A Public Health Perspective | 3 |
| HSC 4211 Health, Behavior and Society | 3 |
| PHC 4406 Pop Culture, Vices and Epidemiology | 3 |
| HSC 4504 Foundations of Public Health Immunology | 3 |
| HSC 4537 Medical Terminology | 3 |
| PHC 4542 Stress, Health and College Life | 3 |
| HSC 4580 Foundations of Food Safety | 3 |
| HSC 4579 Foundations of Maternal and Child Health | 3 |
| HSC 4624 Foundations of Global Health | 3 |
| PHC 4031 Emerging Infectious Diseases | 3 |
| PHC 4931 Health Care Ethics | 3 |

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| PHC 4942 Public Health Seminar | 3 |
| HSC 4933 Special Topics in Public Health* | 3 |

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

For any additional information about the College of Public Health Minor, please contact: Annette Mason; amason@health.usf.edu, (813) 974-9135.

Certificate Programs

Students who have completed their Bachelor's degree may register for certificates in Disaster Management; Health Management and Leadership; Infection Control; Social Marketing and Public Health; Diasporas and Health Disparities (with Africana Studies); Safety Management; Violence and Injury; Prevention and Intervention; Epidemiology; Interdisciplinary Women's Health; Maternal and Child Health; Public Health Policy and Programs; Public Health Generalist; Humanitarian Assistance; and Biostatistics.

The GRE is not required for certificate programs. However, certificates may have other specific requirements. Refer to the College of Public Health's website: <http://health.usf.edu/publichealth/undergrad/index.htm> for information on certificate programs.

Contact the USF Office of Graduate Certificates, (813) 974-2442 <http://gradcerts.usf.edu/> for application forms.

Public Health Undergraduate Certificate

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

Upon completion of the Public Health Certificate 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.

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 may 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.

The Public Health Undergraduate Certificate consists of 18 credit hours

Required Courses (9 credit hours)

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| PHC 4101 Introduction to Public Health | 3 |
| HSC 4551 Survey of Human Diseases | 3 |
| PHC 4030 Introduction to Epidemiology | 3 |

Elective Departmental Courses (9 credit hours)

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|---|---|
| HSC 2100 Contemporary Health Science | 3 |
| HSC 2130 Sex, Health and Decision-Making | 3 |
| PHC 3002 Introduction to Environmental & Occupational Health | 3 |
| HSC 3541 Human Structure and Function | 3 |
| PHC 4069 Biostatistics in Society | 3 |
| HSC 4134 Prevention of Mental Illness | 3 |
| HSC 4172 Women's Health: A Public Health Perspective | 3 |
| HSC 4211 Health, Behavior and Society 3 PHC 4406 Informed Decision Making | 3 |
| HSC 4504 Foundations of Public Health Immunology | 3 |
| HSC 4537 Medical Terminology | 3 |
| PHC 4542 Stress, Health and College Life | 3 |
| HSC 4573 Foundations of Food Safety | 3 |
| HSC 4579 Foundations of Maternal and Child Health | 3 |
| HSC 4624 Foundations of Global Health | 3 |
| HSC 4630 Understanding U.S. Health Care | 3 |
| HSC 4631 Critical Issues in Public Health | 3 |
| PHC 4720 Foundations of Professional Writing in Public Health | 3 |
| PHC 4931 Health Care Ethics | 3 |
| PHC 4942 Field Experience in Public Health | 3 |
| HSC 4933 Special Topics in Public Health** | 3 |

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Contemporary Health Issues in HPM
Emerging Infectious Diseases
Foundations of Infection Control

**Please see an 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 for a certificate.

Certificate Community Engaged Homeland Security & Emergency Management

The undergraduate certificate will provide a broad foundation of Homeland Security and Emergency Management for individual interested in pursuit of a career in local, state or national government, military or in the global arena.

The undergraduate certificate consist of 15 credit hours

PHC 4188 Public Health Emergencies in Large Population
PHC 4234 Public and Private Sector Continuity Planning for Emergencies
PHC 4241 Psychology of Fear and Mental Health Issues Related to Disasters
PHC 4375 Community Participation in Homeland Security/Disaster Preparedness
PHC 4376 Disaster by Design: Exercise Development for Homeland Security Professionals

It is highly recommended that you meet with an advisor in the College of Public Health early to verify coursework for the certificate.

Application Process for Enrollment in Undergraduate Certificate Programs

Enroll as a non-degree seeking student. For information see the non-degree enrollment procedures at <http://health.usf.edu/publichealth/academicaffairs/registration/nondegreeseeking.html>. You may apply and/or enroll any semester as a certificate-seeking student.

Public Health Advising

Potential applicants should prepare at the undergraduate level for careers in public health. Undergraduate public health courses present a broad range of public health issues and are offered on campus and on-line. These undergraduate courses may be selected as part of the student's approved planned program or as electives to prepare students for graduate classes. Except for the undergraduate student selecting the Accelerated Health Education program or the Fast Track for Honors program, all applicants should have completed or be in their last semester of completing the Bachelor's degree prior to applying to this College. All departments, except the Department of Epidemiology and Biostatistics, accept the MCAT score in lieu of the GRE for admission. The GMAT may be submitted for the Department of Health Policy and Management. Advisors in the College assist undergraduate students with career planning and selecting undergraduate coursework. For specific information, request a *College of Public Health Catalog and Career Guide* followed by an appointment with the College advisor.

Advising Office

The College of Public Health is located facing Bruce B. Downs Boulevard at the Northwest corner of the USF Campus near the Fletcher Avenue intersection. The Advising office is in the College of Public Health (CPH) Room 1039.

Call toll free 1-888-USF-COPH or locally (813) 974-9135 for the Public Health Career Guide, a copy of the upcoming Schedule of Classes which can also be found on the web at: <http://health.usf.edu/publichealth/academicaffairs/registration/undergraduate.html>.

Non-Degree Registration

Students who have completed the Bachelor's degree may register for up to 12 hours as "non-degree" students while in the process of preparing to apply to the College: Please visit: publichealth.usf.edu/nondegree.html. Contact: Annette Mason; amason@health.usf.edu, (813) 974-9135 for more information.

Address: 13201 Bruce B. Down Blvd, Tampa, FL 33612-3805; Mail point - MDC 56

Office Hours: 8am–5pm, Monday through Friday

Contact Email: amason@health.usf.edu

Web Address: <http://health.usf.edu/publichealth/academicaffairs/registration/undergraduate.html>