Public Health (PUBH)

Courses

PUBH 140V. Introduction to Public Health. 1 Unit.
This course focuses on Stetson's Health and Wellness Value. This course discusses an interdisciplinary perspective of the health of individuals and populations locally, nationally, and globally. The roles of natural, social, and behavioral sciences, including communities, the environment, policies, and business, are discussed in relation to diverse individual and population health, including health care systems, interventions, services and delivery. Public health careers are presented, and a survey of responsibilities of global, national, state, and local organizations are also described. This course is offered every fall and spring semester.

PUBH 284. Foundations of Epidemiology. 1 Unit.
Epidemiology studies the distribution, determinants, and control of diseases in human populations. Students will learn how to apply statistical and quantitative methods to identify the pattern of health outcomes in a specific population according to person, place, and time. Students will practice mathematical reasoning to solve problems related to infectious, chronic, and vaccine preventable diseases, as well as outbreak investigations. This course is offered at least once per year. Prerequisite: PUBH 140V.

PUBH 285. Independent Study. 0.5 or 1 Units.
Independent studies provide an opportunity for students with strong interest and initiative to pursue the study of topics that are not part of the regular course offerings. They are arranged by mutual agreement between faculty member and student. Before agreeing to supervise an independent study, ordinarily a faculty member will ask the student to present a clear, written proposal for the work to be completed. Prerequisite: permission of instructor.

PUBH 290. Special Topics. 1 Unit.
These lecture/discussion courses are designed to extend the range of the curriculum and give students an opportunity to explore special topics. Such topics, which may vary from semester to semester, consider public health problems and solutions from distinct interdisciplinary perspectives. Any prerequisites will be indicated in the course schedule.

PUBH 300. Foundations of Health Policy. 1 Unit.
This course covers the U.S. healthcare system organizational structures, including the Affordable Care Act. Healthcare delivery, management, and financing are introduced, comparing health systems globally, and assessing their differences and their impact on social justice. Legal, ethical, and economic issues are addressed among historical and current policies and practices. Students discuss case studies and health policy current events locally, nationally, and globally. This course is offered at least once every two years.

PUBH 301. Foundations of Environmental Health Science. 1 Unit.
Students assess fundamental concepts of environmental factors impacting human health, including sources, exposure pathways, and methods of prevention, intervention, and control. Water, air, and soil pollution are examined, and along with introductory toxicology and the adverse health effects to which diverse populations are exposed. Students discuss case studies, current environmental health issues, and related scholarly publications, including environmental justice and policy. This course is offered at least once every two years.

PUBH 303. Global Health. 1 Unit.
The course introduces students to the values, concepts, and functions of public health applied to solving global health problems. Students will learn how social, economic, political, environmental, and cultural factors influence and interact with global health challenges. This course will take an interdisciplinary approach towards various health issues and disparities the global community encounters with a focus on developing countries. This course is offered at least once per year.

PUBH 310. Global Health Governance in Geneva. 0.5 Units.
The course introduces students to global level leadership related to health issues. Students will learn about the major actors and institutions in global health governance. They will learn about the importance of global health diplomacy and discuss the challenges of building coalitions and partnerships to address global burden of disease. The course involves a field trip to Switzerland where students will visit the World Health Organization (WHO), United Nations (UN), International Committee on Red Cross (ICRC) and other health related organizations. Students will engage in discussions with global health professionals. In addition, students will learn about career opportunities in global governance and how to prepare for them in a competitive globalized world. Minimum of Junior standing required. Prerequisite: Minimum GPA of 3.0.

PUBH 345Q. Statistics for Public Health and Environmental Professionals. 1 Unit.
The course is designed to introduce statistical techniques used in quantitative analysis in environmental and bio-science and public health research. Students will be introduced to concepts such as measures of central tendency, variability, causality and statistical techniques including: t tests (independent & dependent samples), Analysis of variance, Chisquare, correlation, and regression. Students will also develop skills to use statistical software such as SPSS. The course will focus on application and interpretation of statistical techniques. Cross-listed with ENSS 345Q.

PUBH 375. Community Healthcare Seminar. 0.5 Units.
Offered in collaboration with practitioners from Florida Hospital, this course provides an academic foundation for expected subsequent one-year Health Coach Practicum I and II experiences with Florida Hospital. Topics include: challenges of delivering adequate healthcare in communities; population health; specific problems posed by diabetes, obesity, and cardiovascular disease; ethical dimensions of “underinsurance”; community medicine and the law; and methods of improving compliance and measuring outcomes. This course is offered every fall and spring semester. Prerequisite: Permission of instructor.

PUBH 376. Health Coach Practicum I. 0.5 Units.
This practicum is expected of students with successful completion of PUBH 375. Students are expected to complete at least two semesters of the practicum, though there may be exceptions for seniors and other circumstances. Students will implement concepts learned in PUBH 375 through the role of a Health Coach and will accompany Florida Hospital Community Care Team (FHCC) health professionals on patient home visits to more fully understand how an interdisciplinary care coordination team functions in the homes. This course is offered every fall and spring semester. Prerequisites: PUBH 375 and permission of instructor.

PUBH 377. Health Coach Practicum II. 0.5 Units.
Offered in collaboration with Florida Hospital, this second practicum follows successful completion of PUBH 376 Health Coach Practicum I. Students are expected to complete at least two semesters of the practicum, though there may be exceptions for seniors and other circumstances. This course is offered every fall and spring semester. Prerequisite: PUBH 376 and permission of instructor.

PUBH 378. Health Coach Practicum III. 0.5 Units.
Public Health and healthcare is are largely dependent on practice, and this advanced practicum is focused on enhancing the knowledge and experience gained in PUBH 375, PUBH 376, and PUBH 377. Students will be assigned a minimum of 2-3 patients/'clients,' in collaboration with Florida Hospital, to guide clients in self-managing their chronic diseases and solving complex health problems, including overcoming barriers to healthcare access. This course is offered every fall and spring semester. Prerequisite: PUBH 377 and Ppermission of instructor.

PUBH 385. Independent Study. 0.5 or 1 Units.
Independent studies provide an opportunity for students with strong interest and initiative to pursue the study of topics that are not part of the regular course offerings. They are arranged by mutual agreement between faculty member and student. Before agreeing to supervise an independent study, ordinarily a faculty member will ask the student to present a clear, written proposal for the work to be completed. Prerequisite: Permission of instructor.

PUBH 390. Special Topics in Public Health. 1 Unit.
These lecture/discussion courses are designed to extend the range of the curriculum and give students an opportunity to explore special topics. Such topics, which may vary from semester to semester, consider public health problems and solutions from distinct interdisciplinary perspectives. Any prerequisites will be indicated in the course schedule.

PUBH 395. Teaching Apprenticeship. 0.5 Units.
Pass/Fail only. The teaching apprenticeship allows students with exceptional ability and interest to assist faculty in course preparation and administration. Before enrolling, students present a written proposal of the expectations and requirements that have been arranged through mutual agreement between the faculty member and the student. Prerequisite: Permission of instructor. May be repeated once.

PUBH 397. Public Health Internship. 1 Unit.
Enrollment in an internship course requires students to attend an orientation prior to beginning work at their internship site. Full-unit internships require 140 hours for the semester. For more information regarding internship orientations, please contact Career & Professional Development at career@stetson.edu or 386-822-7315.

PUBH 485. Independent Study. 0.5 or 1 Units.
Independent studies provide an opportunity for students with strong interest and initiative to pursue the study of topics that are not part of the regular course offerings. They are arranged by mutual agreement between faculty member and student. Before agreeing to supervise an independent study, ordinarily a faculty member will ask the student to present a clear, written proposal for the work to be completed. Prerequisite: permission of instructor.

PUBH 486. Planning for Healthy Cities. 1 Unit.
This course will examine the relationship between urban planning and public health. Students will learn about the origins of public health andurban planning and their significant overlap. Students will examine how social and institutional structures such as race, class and public policy have shaped development patterns of American cities. They will learn how community design and planning policies have impacted population health outcomes. Environmental and social topics will include, but are not limited to, urban renewal projects, air and water quality, injuries, social capital, food environment, physical activity, housing conditions, environmental justice and vulnerable populations. Students will develop skills to assess andaddress health related challenges of the built environment. The course will focus on the United States and will take an interdisciplinary approach towards urban planning and public health.

PUBH 490. Special Topics in Public Health. 1 Unit.
These lecture/discussion courses are designed to extend the range of the curriculum and give students an opportunity to explore special topics. Such topics, which may vary from semester to semester, consider public health problems and solutions from distinct interdisciplinary perspectives. Any prerequisites will be indicated in the course schedule.

PUBH 497. Senior Research Seminar. 1 Unit.
This course provides guidance and instruction to develop necessary skills to write a senior research proposal in public health. Students will learn how to review and write a scientific literature review or/and design an a public health intervention. Alternatively, students can develop a public health needs assessment or program evaluation for the community. Prerequisites: PUBH 284 and one of the following: ENSS 345Q or PSYC 306Q or BIOL 243Q. Junior or senior standing required.

PUBH 498. Senior Research Proposal. 1 Unit.
This course provides guidance and instruction to develop necessary skills to write a senior research proposal in public health. Students will learn how to review and write a scientific literature review or/and design an a public health intervention. Alternatively, students can develop a public health needs assessment or program evaluation for the community. Prerequisites: PUBH 284 and one of the following: ENSS 345Q or PSYC 306Q or BIOL 243Q.

PUBH 499. Senior Project. 1 Unit.
In this capstone experience, students carry out an interdisciplinary research project of their own design that has been approved by Public Health faculty affiliates. Students will employ evidence-based methods learned within a specific discipline to address a Public Health issue or to answer a research question relevant to Public Health research and practice. Students will also acquire the skills necessary to communicate their project findings through a written thesis or manuscript and an oral presentation. Prerequisite: PUBH 498 or ECON 498 or ENSS 497 or PSYC 498 or SOCI 497 and PUBH 308Q or PSYC 306Q.