

PUBLIC HEALTH

Academic Programs

The University of Miami (UM) School of Nursing and Health Studies (SONHS) offers courses leading to the degree of Bachelor of Science in Public Health (BSPH). Baccalaureate education provides the foundation for further education in public health and specialized health professional fields. The program is fully accredited by the Council on Education for Public Health (CEPH) through December 31, 2030.

Admission

Admission as a new freshman or transfer student to the BSPH program is handled through the Office of Undergraduate Admission (http://admissions.miami.edu/undergraduate/?utm_source=Mailers&utm_medium=Print&utm_campaign=FromPrint) and is open to applicants who meet the general requirements for admission to the UM.

Applicants interested in any of the SONHS' baccalaureate programs are encouraged to speak with a representative from the SONHS' Office of Student Services (OSS) (<https://www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/>) and/or the UM's Office of Undergraduate Admission (http://admissions.miami.edu/undergraduate/?utm_source=Mailers&utm_medium=Print&utm_campaign=FromPrint).

Academic Policies

Grades

Students should refer to the Student Handbook (<http://www.sonhs.miami.edu/academics/student-handbooks/>) for more detailed information on the SONHS' policies related to grades, progression, and dismissal.

Undergraduate BSPH students must earn a C- or higher in each course for the major to progress.

When a course must be repeated, progression in the BSPH program may be altered in order for prerequisites to be met. Such alteration may lengthen the time required to complete the BSPH program.

Grade Point Averages (GPAs)

Students should refer to the Student Handbook (<http://www.sonhs.miami.edu/academics/student-handbooks/>) for more detailed information on the SONHS' policies related to GPAs, progression, and dismissal.

Requirements to Declare

Current UM students who wish to switch into the BSPH program or add an additional major in public health must possess a minimum 3.0 UM GPA to be considered. Please note that the SONHS may have a waitlist to get into this program so meeting the minimum admission criteria for the program does not guarantee admission. Seats in the program are allocated from the waitlist to students based on a holistic review of all students on the waitlist but the following factors are strongly considered in each admission decision: (1) the availability of seats in a student's intended year of graduation, (2) the date in which a student added himself/herself to the waitlist, (3) the student's UM GPA, and (4) the feasibility of the student completing the desired degree on time. Questions about the waitlist should be directed to the academic advisors in the OSS.

Incoming transfer students who plan to enter the BSPH program must possess a minimum 3.0 transfer GPA to be considered for admission.

Requirements to Continue

BSPH are strongly encouraged not to continue with the BSPH degree if they have less than a 2.5 UM GPA after 15 credits completed in the major.

Requirements to Graduate

Students enrolled in the BSPH program must complete their coursework with a minimum 2.0 UM GPA and a minimum 2.0 major GPA to graduate.

Prerequisites and Corequisites

Students must successfully complete all specified prerequisites with a C or higher before entering a nursing course or with a C- or higher before entering a health science or public health course. Students must also register for all required corequisites at the time of enrollment. If students enroll in a health science, nursing, or public health course without the proper prerequisite or corequisite, they may be dropped from the course at the discretion of the course instructor, OSS (<https://www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/>), Associate Dean, or Dean. Students should consult an academic advisor in the OSS (<https://www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/>) to discuss any questions related to course enrollment.

Residency Requirements

Undergraduate BSPH students must adhere to the general UM residency rules. At least half of the public health major and at least half of the public health minor must be taken in residence at the UM. Exceptions to the residency requirements may only be obtained through an appeal to the Undergraduate Academic Standing and Admissions Committee (UGASAC). Students should speak with an academic advisor in the OSS (<https://www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/>) to discuss any questions related to course enrollment.

www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/) for more information on the residency requirements and on the UGASAC appeals process.

Public health majors must complete at least 18 of the 34 credits required for the public health major in residence at the University of Miami School of Nursing and Health Studies. Public health majors can apply a maximum of 6 credits from study abroad programs toward their public health major. These study abroad credits will count as part of the remaining 16 of the 33 credits required of the major that are allowed to be taken outside of the University of Miami School of Nursing and Health Studies.

Transfer Credit

Students may transfer health science, nursing, or public health courses from other institutions to the UM with approval by the OSS (<https://www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/>). Detailed course descriptions or syllabi must be presented to the OSS (<https://www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/>) for transfer equivalency reviews.

Degree Requirements

Listed in this section are the degree requirements for the BSPH program.

The University of Miami's General Education Requirements (GERs) consist of the Areas of Proficiency, Areas of Knowledge, and Advanced Writing and Communication Skills requirements. Through the completion of the GERs, graduates acquire essential intellectual skills and engage a range of academic disciplines. The GERs provide students with the opportunity to study methodologies and achievements in all areas of human inquiry and creative endeavor, and to cultivate abilities essential for the acquisition of knowledge. The GERs also allow students to create an integrative map for their academic careers, providing a context for more focused studies.

There are numerous ways students can create plans of study for the BSPH program. Students should feel empowered to use the information listed in the Academic Bulletin and the Student Handbook (<http://www.sonhs.miami.edu/academics/student-handbooks/>) to take charge of their education, pursue their own academic interests, and create their own, unique plans of study. Students should meet with an academic advisor in the OSS (<https://www.sonhs.miami.edu/admissions-and-student-services/>) to discuss any questions related to degree requirements and plans of study.

Areas of Proficiency

The Areas of Proficiency requirements ensure that students either already possess, or develop at the University, the ability to express themselves effectively, to use quantitative skills with facility, and to reason cogently.

Written Communication Skills

Effective writing skills advance ideas efficiently and persuasively, so the expectation is that students become adept at using writing as an effective communication tool.

Requirements

Students fulfill this requirement by completing WRS 105 and WRS 106/WRS 107/ENG 106 (Note: SAT or ACT verbal scores can be used to waive the WRS 105 requirement; credit will not be awarded for the waiver. Students who enter UM with credits for WRS 105 or WRS 106/WRS 107/ENG 106 may take WRS 208 to finish this requirement).

Outcomes

By completing the Written Communication Skills requirement, students will be able to:

1. Demonstrate effective written communication skills in relation to specific rhetorical tasks.
2. Construct original, well-reasoned arguments using a range of materials.
3. Integrate and synthesize appropriate and relevant primary and secondary sources in their writing.

Quantitative Skills

In a world increasingly influenced by science and technology, it is important for students to acquire the capacity to understand and use essential quantitative skills. The Quantitative Skills Proficiency Requirement helps students learn to use quantitative skills and tools to solve problems, including the interpretation, manipulation, and application of quantitative data.

Requirements

Students fulfill this requirement by completing the following approved statistics course:

1. **Statistics:** BPH 202

Students may be able to fulfill Quantitative Skills Proficiency Requirement through credit earned through the following tests: AP, IB, A-Level, and Cambridge Pre-U. Please click here (<https://admissions.miami.edu/undergraduate/application-process/credit-information/>) to see how credit/exemption may be earned through these tests.

Outcomes

By completing the Quantitative Skills requirement, students will be able to:

1. Select and use appropriate quantitative methods and tools to solve problems; and
2. Interpret, manipulate, and apply quantitative data to solve problems

Mathematics Requirements

Students complete this requirement by completing MTH 107 or higher.

Social Science Requirements

Students complete this requirement by completing PSY 110 and an additional approved social science course for a total of 6 credits.

Modern Language Requirements

Students complete this requirement by completing one 3 credit Modern Language course at or above the 200 level.

Natural Science Requirements

Students complete this requirement by completing BIL 150 and BIL 151, as well as CHM 103 and CHM 105 or CHM 121 and CHM 113 for a total of 9-10 credits.

Areas of Knowledge (Cognates)

The Areas of Knowledge requirement is intended to help students understand and appreciate intellectual achievements in major areas of human inquiry and creative endeavor. Students can satisfy this requirement through the majors, minors, or cognates.

In the Cognates Program, students examine creative expression in the arts, literature, and philosophy; study human development and behavior; and explore the mathematical, scientific, and technological world. Students fulfill an Area of Knowledge requirement by completing a cognate in one of the three areas of the university curriculum: Arts & Humanities (A&H); People & Society (P&S); and Science, Technology, Engineering & Mathematics (STEM). A cognate normally requires nine credits of coursework, and can be either a thematic or an individualized cognate. Thematic cognates consist of courses grouped by theme, while individualized cognates consist of courses that have the same area of knowledge designation. Completed cognates are listed on the students' transcripts.

As an alternative to using a cognate to fulfill an Area of Knowledge requirement, a major or minor may be used to fulfill the Area of Knowledge requirement. Approved thematic cognates can be found using the cognate search engine (<https://cognates.miami.edu/>) which allows students to search for thematic cognates based on cognate features, courses, and keywords. Each thematic cognate is administered by a department or program designated as the "Responsible Academic Unit" (RAU). Inquiries about a thematic cognate should be directed to the cognate's RAU. Several cognates may include the same courses; however, one course cannot be used to complete multiple cognates. For more information on cognates, go to the "General Education Requirements" section of the Academic Bulletin or visit <http://www.miami.edu/cognates/>.

Arts & Humanities

Arts & Humanities cognates engage students in the study of the most enduring and influential works of art, imagination, and culture. Through study, creation, and performance, courses in this area enable students to understand the works of artists, musicians, novelists, philosophers, playwrights, poets, historians, and theologians. These courses cultivate the ability to interpret, critically evaluate, and experience the creative products of human culture and expression.

Requirements

Complete one Arts & Humanities cognate.

Outcomes

By completing the Arts & Humanities requirement, students will be able to:

1. critically evaluate and interpret the creative products of humanistic and artistic expression, applying appropriate vocabulary and concepts for their description and analysis
2. understand the creation and performance of art

People & Society

People & Society cognates help students understand and analyze the organization of society and the patterns of social change, in the past and in the contemporary world.

Requirements

Complete one People & Society cognate. The public health major may be used to fulfill this cognate area.

Outcomes

By completing the People & Society requirement, students will be able to:

1. analyze the organization of society
2. analyze patterns of social change

Science, Technology, Engineering, and Mathematics (STEM)

STEM cognates develop students' abilities to think critically about mathematical, scientific, and technological issues by understanding the processes and methods of scientific inquiry involved in experimentation, observation, and quantitative analysis. The STEM cognates nurture literacies that enable students to make informed decisions in an increasingly complex world.

Requirements

Complete one STEM cognate.

Outcomes

By completing the STEM requirement, students will be able to:

1. understand the use of quantitative tools, experimentation, and observation to analyze and solve mathematical, scientific, environmental, and technological problems
2. interpret quantitative data and draw useful conclusions

Individualized Cognates

Students may create an individualized cognate to fulfill an Area of Knowledge requirement. All of the courses used in an individualized cognate must have the Area of Knowledge attribute in CaneLink for the requirement that they are being used to fulfill, even if they are transfer credits. If a course has been approved to be utilized in an individualized cognate, an Area of Knowledge attribute will be listed in CaneLink. No exceptions will be accepted. A searchable list of courses eligible to be used in individualized cognates is available here (<https://ua.miami.edu/indiv-cognate-courses.html>).

Individualized cognates use the following academic plan codes: AT_0080 (Arts & Humanities), PS_0070 (People & Society), and ST_0026 (STEM).

Major

Refer to the "Major Requirements" section below for information on the courses required for the BSPH program.

Minor

BSPH students are not required to complete a minor.

Advanced Writing and Communication Skills

The Advanced Writing and Communication Skills requirement empowers public health students to develop their communication skills, both written and verbal, enabling them to better articulate information relating to health science, nursing, and public health.

Requirements

To fulfill this requirement, students must complete five designated writing-intensive courses. Several public health requirements and/or electives may qualify as writing-intensive.

Public health Courses that Require Formal Student Writing or Presentation

The following courses carry writing and presentation components and may count for the BSPH program:

Course	Writing Assignment	Student Presentations
BPH 301	Two reflective papers, Pop culture analysis paper, Research paper, 4 written homework assignments	Research presentation
BPH 309	Three reflective papers	Final student presentation
BPH 310	Seven P&P assignments, Literature review proposal, Literature review synthesis paper	P&P final presentation, Data visualization
BPH 321	Two reflective papers, Literature review matrix, Public health logic model, Intervention paper	Public health intervention presentation
BPH 322	Policy analysis paper	Health in All Policies Presentation
BPH 419	Two reflective papers, 2 service learning journals	One poster presentation, One research presentation
BPH 490	Two reflective papers, Final written project	Poster presentation

Outcomes

By completing the Advanced Writing and Communication Skills requirement, students will be able to:

1. effectively communicate information related to public health in both speech and in writing, using appropriate information sources, presentation formats, and technologies
2. demonstrate the necessary written and verbal communication skills to effectively carry out a career in healthcare

Plan for assessment

Student Performance on Written Assignments and Presentations

In order to graduate from the BSPH program students must successfully pass two courses in Written Communication Skills (i.e., WRS 105 and WRS 106/WRS 107/ENG 106) as well as five writing-intensive courses with a grade greater than or equal to 70%. The majority of public health courses include written assignments and student presentations as part of the course grade. Grading of student written assignments and oral presentations are based on defined rubrics. These courses may be applied to the BSPH program as outlined in the major requirements.

Graduating Senior Survey (GSS) Responses for Questions Related to Written and Verbal Communication

Based on the results from the GSS, students believe their undergraduate coursework in the BSPH program significantly enhanced their written, oral, and formal presentation skills, which, in turn, allowed them to more effectively interact with various individuals and groups.

Electives

Students must earn a minimum of 120 credits to complete the BSPH degree. Students may need to take varying numbers of elective credits beyond the degree requirements listed above to reach the 120 credit threshold.

Major Requirements

Public health can be a primary major or an additional major.

Coursework in the BSPH program is based on recommendations made by the Association for Prevention Teaching and Research (2008) for undergraduate course work in public health. Students are required to complete 34 credit hours of public health coursework, which includes 31 credit hours of core required courses and 3 credit hours of approved public health electives.

Visit the "MAJORS" link to learn more about the major requirements for the SONHS' BSPH program, which are listed under the "OVERVIEW" section for the public health major.

Second Major Requirements

A second major in public health is available to all UM students. Students who pursue a second major in public health must complete the the following courses:

Code	Title	Credit Hours
BPH 206	Introduction to Public Health	3
BPH 208	Introductory Epidemiology	3
BPH 305	Issues in Health Disparities	3
BPH 309	Health and Environment	3
BPH 310	Global Health	3
BPH 321	Health Promotion and Disease Prevention	3
BPH 322	Introduction to Health Policy	3
BPH 352	Biological Principles of Public Health	3
BPH 465	Public Health Statistics and Data Management	3
BPH 490	Field Practicum in Community Health	4
Elective (*)		3
Total Credit Hours		34

(*) = Students may choose an elective from the following courses: APY 205, BPH 301, BPH 303, BPH 306, BPH 317, BPH 319, BPH 355, BPH 365, BPH 402, BPH 419, BPH 461, BPH 487, BTE 450, HMP 460, COS 324, COS 325, COS 426, COS 427, COS 472, GEG 231, GEG 241, GEG 334, GEG 336, GEG 341, GEG 343, GEG 345, GEG 346, GEG 348, GEG 366, GEG 412, GHS 570, GHS 571, GHS 572, GHS 573, INS 599, KIN 155, HMP 270, MKT 388, and SOC 480

Minor Requirements

The SONHS offers a minor in public health. The School also collaborated with the School of Communication to offer a minor health communication.

Visit the "MINORS" link to learn more about the minor requirements for the public health and health communication minors.

Classes Not Applicable Toward SONHS Degrees

The following courses do not count toward the 120 credits required of the BSPH degree: DAN 101-104, WRS 103, and MTH 099. Based on their ENG or MTH placement scores, students may need to complete WRS 103 or MTH 099 before enrolling in higher-level requirements. Even though the courses listed above cannot count toward graduation, they can count toward the 12 credits required to be considered a full-time student.

Senior Assessments

In line with the SONHS' ongoing accreditation efforts, seniors with a major in the health science, nursing, and public health may be required to participate in general or major-specific senior assessments lasting up to several hours each. Scores on senior assessments will not affect students' GPAs or ability to graduate, but failure to complete required assessments may delay or prevent students' ability to graduate.

Bachelor of Science in Public Health (BSPH) and Master of Public Health (MPH)/ Master of Science in Public Health (MSPH) 4+1 Program

The SONHS and the Graduate Programs in Public Health at the UM Miller School of Medicine have developed a Bachelor of Science in Public Health (BSPH) to a Master in Public Health (MPH) or Master of Science in Public Health (MSPH) 4 + 1 program. Please click here (<http://bulletin.miami.edu/undergraduate-academic-programs/nursing-health-studies/public-health/public-health-bs-mph/>) for more information.

Research Experience

Students may participate in research experiences through the SONHS (<http://www.miami.edu/sonhs/index.php/sonhs/research/>) or the Office of Undergraduate Research and Community Outreach (<https://ugr.miami.edu/>) during their time at the UM. Students should speak with the academic advisors located in the OSS (<https://www.sonhs.miami.edu/admissions-and-student-services/office-of-student-services/>) to learn more about the research opportunities available to them at the UM.

Required Coursework and Sample Plans of Study

Visit the "MAJORS" link to learn more about the academic requirements for the SONHS' BSPH program and to view a sample graduation plan, which are listed under the "OVERVIEW" and "PLAN OF STUDY" sections, respectively, for the BSPH program.

BPH 200. Selected Topics in Public Health. 3 Credit Hours.

This course focuses on current health care issues and the health care system as well as the future direction of health care.

Components: LEC.

Grading: GRD.

Typically Offered: Summer.

BPH 202. Introductory Statistics in Health Care. 3 Credit Hours.

Application of descriptive and inferential statistics. Principles and methods of summarizing data including tables, graphs, percentile ranks, central tendency, variability, normal distribution. Basic concepts of probability, hypothesis testing, and analysis of variance. Examples and problems from nursing, health sciences, and public health.

Corequisite: MTH 101. Or Requisite: ALEKS > or = 55 or SAT Score > or = 630 or ACT > or = 28.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

BPH 206. Introduction to Public Health. 3 Credit Hours.

The course is a general introduction to all aspects of public health including an overview of the history of public health, social and economic determinants of health, health disparities, social justice, health services administration, health policy, and health and environment.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

BPH 208. Introductory Epidemiology. 3 Credit Hours.

This course is a general introduction to epidemiology, definition of concepts and natural history of disease and levels of prevention. It also covers measures of morbidity and mortality. Epidemiologic aspects of infectious and chronic diseases.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

BPH 217. Medical Terminology. 1 Credit Hour.

This course will assist the student in understanding the principles of medical word building in order to develop the extensive medical vocabulary used in health care professions. Students receive a thorough grounding in basic medical terminology through the study of root words, prefixes and suffixes. The course emphasizes correct pronunciation, spelling and use of medical terms.

Prerequisite: BIL 150.

Components: CLN.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

BPH 299. Applied Basic Principles in Healthcare. 3 Credit Hours.

This course examines basic principles in healthcare such as immunization, CPR, telehealth, electronic health records, and vital signs. Health care is a fundamental human right because it affects an individual's opportunity to pursue life-long goals, reduce pain and suffering, prevent premature loss of life, and provide information needed to plan activities of daily living. Society has an obligation to provide access to an adequate level of care to all its members, regardless of their ability to pay. Students will apply basic healthcare concepts learned in the classroom through individual and group projects.

Admission to health science or public health programs.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

BPH 301. Human Sexuality and Vulnerable Populations. 3 Credit Hours.

The study of human sexuality via multidisciplinary theoretical perspectives and research. Students will examine the complex relationships of the physiological, psychological, cultural, gender, religious, historical, and political aspects of human sexuality. Human sexuality in the context of health disparities will form the foundation for the course. WRITING COURSE.

Prerequisite: BPH 206 or Requisite: Nursing Clinical Major.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

BPH 303. HIV: A Bio-psycho-social Approach. 3 Credit Hours.

Definition, diagnosis, management and care of diverse patient populations with HIV infection and AIDS. Presented and discussed from an interdisciplinary health care perspective.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

BPH 305. Issues in Health Disparities. 3 Credit Hours.

This course will be an introduction to the general research on health systems and health disparities. Emphasis will be placed on social, biological, economic, and social policy issues that impact on the health of minority populations. Concepts associated with epidemiology, poverty, racism, public policy, and international politics will be explored.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

BPH 306. Principles of Nutrition. 3 Credit Hours.

Principles of nutrition integrated with cultural dietary patterns for client adaptation across the lifespan.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

BPH 309. Health and Environment. 3 Credit Hours.

This course examines health issues, scientific understanding of causes and possible future approaches to control of the major environmental health problems. Topics include how the body reacts to environmental pollutants; physical, chemical, and biological agents of environmental contamination; vectors for dissemination; susceptible populations; the scientific bases for policy decisions and emerging global environmental health problems.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

BPH 310. Global Health. 3 Credit Hours.

Introduction to the concepts of global health and the critical links between public health and social and economic development. Determinants of health and patterns of disease and health outcomes across the global are critically examined. The course reviews the determinants of health status in terms of biology, demography, epidemiology, culture, sociology, economics, and politics. Key concerns regarding reproductive health, child survival, nutrition, communicable diseases, and chronic diseases are examined. Health care delivery in developed vs. undeveloped regions of the world are emphasized.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

BPH 317. Theories in Growth and Development. 3 Credit Hours.

Application of growth and development theories through the lifespan with a case study approach to issues commonly encountered nursing practice in a variety of clinical settings.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.

BPH 319. Contemporary Issues in Bioethics for Health Care. 3 Credit Hours.

The course will cover bioethical issues in the health care environment including ethical principles, theories and decision making strategies.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

BPH 321. Health Promotion and Disease Prevention. 3 Credit Hours.

The focus of this course is on the understanding and implementation of strategies aimed at promoting health and preventing disease. It also focuses on optimal health maintenance and wellness support for individuals, families, and communities. The content of the course includes health across the lifespan and resources associated with health promotion. Common health alternations will be discussed, as well as socio-cultural perceptions of health and illness.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

BPH 322. Introduction to Health Policy. 3 Credit Hours.

This course provides an introduction to the organization, delivery, and financing of health care in the United States. We will consider policy challenges created by the structure of the health care system, including access to care, quality of care, and cost growth. Major areas of focus will include public insurance programs, private insurance, the uninsured, health disparities, and implementation of health care reform legislation.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

BPH 352. Biological Principles of Public Health. 3 Credit Hours.

This course examines the biological basis and pathogenesis of diseases from a public health perspective and describes the impact on populations. This course also presents the basic scientific and biomedical concepts of modern public health problems and explores in depth mechanisms and models of the major categories of disease. The biologic principles presented in this course are foundations to developing and implementing public health disease prevention, control, or management programs.

Prerequisites: BPH 206 and BIL 150 and BIL 151 and CHM 103 or CHM 111 or CHM 121 and CHM 105 or CHM 113.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

BPH 355. Global Nutrition. 3 Credit Hours.

This course examines nutrition related public health issues in the global setting. Nutrition related morbidity and mortality, etiologic factors, and population-focused strategies to address these issues are covered. Food relief and nutrition policies and programs at the local, national and international levels are examined. Current scientific research in international nutrition is reviewed from an epidemiological perspective.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

BPH 365. Research Methods in Public Health. 3 Credit Hours.

This course utilizes fundamental epidemiological skills to apply concepts and practical issues related to conducting public health research. It covers key processes of research investigations such as the identification of gaps in the field, critical thinking, study design selection, research proposal development, quantitative and qualitative research methods, and best practices for the dissemination of research findings.

Prerequisite: BPH 208.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

BPH 370. Cannabis Epidemiology. 3 Credit Hours.

This course is an introduction to cannabis epidemiology with respect to social determinants of health and chronic disease. It covers measures of frequency, measures of effect, levels of prevention, and study designs used in global cannabis epidemiologic research.

Prerequisite: BPH 208.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

BPH 371. The Endocannabinoid System and Human Disease. 3 Credit Hours.

This course is an introduction to the endocannabinoid system within humans. The endocannabinoid system is explained in the context of chronic disease leveraging evidence-based theories and research. This course encourages students to apply concepts covered in class regarding chronic disease and the endocannabinoid system to design an evidence-based education intervention.

Prerequisite: BPH 321.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

BPH 372. Introduction to Community-Based Participatory Research Methods. 3 Credit Hours.

This course is an introduction to community-based participatory research (CBPR) methodology that invites community collaboration throughout the research process from conceptualization of study focus to dissemination of findings. This course will provide an opportunity for students to better understand the process by which community members and academic researchers work collectively to address health disparities.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

BPH 373. Plant Medicine Cultivation and Health. 3 Credit Hours.

This course is an introduction to plant medicine cultivation that employs didactic and hands-on experience at the University of Miami Sustainable Garden within the Gifford Arboretum. Students will learn about the medicinal effects of flavonoids, terpenes, carotenoids, polyphenols, dietary fibers, and other phytochemicals. Students will also learn by observing and documenting the growth cycle of a set of plants identified by the National Institutes of Health as containing medicinal properties that are grown at the University of Miami.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

BPH 402. Global Health Disparities Research. 3 Credit Hours.

This is a 4 week intensive educational experience that prepares students to be successful conducting supervised health disparities research as part of the MHIRT program at a foreign institution, disseminating findings, and applying to graduate school. The training program is broken into a preparation phase (3 weeks prior to leaving to their host country), and a dissemination phase (1 week after they return). Students will be working as a research assistant at a foreign site for eight weeks in between the preparation and dissemination phases of this training program. Students will learn about the influence of culture and healthcare policy on health and health disparities, research design, statistics, communicating research findings and careers in health disparities research.

Components: LEC.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

BPH 419. Contemporary Health Issues in South Florida. 3 Credit Hours.

This course will provide students with an in-depth look at public health topics relevant to communities in South Florida. Emphasis will be placed on the social, cultural, and policy issues that impact the health of vulnerable populations in our community. Interdisciplinary researcher knowledge and practice from the University of Miami and other relevant institutions will be highlighted.

Prerequisite: BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Spring.

BPH 461. Practicum in Health Disparities Research. 1-4 Credit Hours.

This course is designed to provide opportunities for students across all levels of higher education to participate in health disparities research. Students will be mentored by a health disparities researcher with an active research project. Objectives will be established by the research mentor and the student according to educational level, interests and opportunities. Students will be incorporated into the research team and expected to attend project meetings. They will also be expected to participate in scholarly work that could contribute to the success of the project. Examples of scholarly work include co-authoring research papers and presentations, developing recruitment materials, assisting in compiling/developing data collection measures, or any other product deemed appropriate by the mentor.

Components: PRA.

Grading: GRD.

Typically Offered: Fall, Spring, & Summer.

BPH 465. Public Health Statistics and Data Management. 3 Credit Hours.

This course is designed to give students an opportunity to apply basic principles of statistics and data management in public health. Students will learn to use statistical techniques to answer questions relating to the morbidity and mortality of health conditions and the efficacy and effectiveness of public health interventions.

Prerequisites: BPH/HCS/NUR 202 and BPH 206.

Components: LEC.

Grading: GRD.

Typically Offered: Fall.

BPH 487. Global Health Practicum. 3 Credit Hours.

Collaborative clinical venture between UM/SON and an International School of Nursing. Students will exchange supervised western clinical experiences, knowledge and skills for the care of clients and families in specialty areas, including MedSurg, ICU and/or Emergency nursing units. Students will apply and synthesize basic science knowledge and skills that foster ethical, legal, and culturally specific health care.

Components: PRA.

Grading: GRD.

Typically Offered: Offered by Announcement Only.

BPH 490. Field Practicum in Community Health. 4 Credit Hours.

This course provides students with field experiences in community health. During the didactic portion of the course, students will be introduced to the basic principles and methods used in community health assessment, program development, program implementation, and evaluation. During the field experience component of the course students will work under the supervision of lead faculty to apply the knowledge and skills they obtained during their course of study to address a public health issue.

Prerequisite: BPH 206 and 208 and 321 and 465.

Components: PRA.

Grading: GRD.

Typically Offered: Spring.

BPH 499. Selected Topics. 0-6 Credit Hours.

Offerings will vary by semester based upon student demand and availability of faculty.

Components: LEC.

Grading: GRD.

Typically Offered: Fall & Spring.