

PUBLIC HEALTH (PH)

PH 115 Global Health (3 crs)

Explores endemic and emerging health issues affecting global populations. Aims to familiarize students with adverse health outcomes associated with global socio-economic disparities.

Attributes: GE IIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 225 Introduction to Public Health (3 crs)

- *Wellness for one credit. Credit may not be earned in both PH 225 and NRS 225.*

Examines population health and disease considering historical and current public health practice. Focus areas include cultural, political, environmental, and socioeconomic influences that increase population vulnerability and risk. Effectiveness of public health interventions is analyzed.

Attributes: Wellness Theory, Cultural Diversity 1 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 291 Special Topics (3 crs)

Consent: Instructor Consent Required

This course provides students with an opportunity to investigate a specific topic in Public Health. Topics vary from semester to semester.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 341 Rural Public Health (3 crs)

Influence of rurality on health issues, populations, and public health practice.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 350 Public Health and Climate Change (3 crs)

Examines the causes and impacts of climate change and its implications for public health and well-being. The role of public health practitioners in approaches to climate adaptation and mitigation are considered.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 395 Directed Studies (1-3 crs)

Prerequisite: Minimum sophomore standing

Consent: Department Consent Required

For the student who wishes to pursue a defined, organized study of a public health topic under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

PH 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing

Consent: Department Consent Required

Independent study projects under the direction of a faculty mentor.

Repeat: Course may be repeated

PH 426 Field Epidemiology: Outbreak Investigations (3 crs)

Application of multidisciplinary techniques to investigate and respond to urgent public health problems.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 450 Epidemiology (3 crs)

Prerequisite: MATH 245 or MATH 246 or PSYC 265

Fundamentals of epidemiology including measures of morbidity and mortality, descriptive epidemiology, and principles of epidemiologic study design. Selected topics related to infectious disease, chronic disease, and environmental epidemiology are included.

Attributes: GE V University Wide

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 459 Preparation for Public Health Practice (1 cr)

Prerequisite: Limited to public health majors. Minimum junior standing.

This seminar is to prepare students to take PH 460 - Public Health Practice.

The focus is on professionalism, leadership skills, identifying strengths, and transitioning from college to graduate school or the working world. The course is required before enrolling in PH 460.

Lab/Studio Hours: 0

Seminar Hours: 1

PH 460 Public Health Practice (2 crs)

Prerequisite: PH 459. Open only to Public Health majors. Minimum junior standing.

This capstone course asks students to integrate previous learning in Public Health to a directed field experience or internship with participation in a community, worksite, or health agency program. Experience is individually arranged to meet student interests and needs.

Attributes: Capstone Course

Grading Basis: S/U Only Grade Basis

PH 491 Special Topics (3 crs)

Consent: Instructor Consent Required

A variable content course consisting of advanced topics of special interest to students and faculty that are not covered in other public health courses.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 495 Directed Studies - Seniors (1-3 crs)

Prerequisite: Minimum senior standing

Consent: Department Consent Required

For the senior who wishes to pursue a defined, organized, and in-depth study of a public health issue or problem under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

PH 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing

Consent: Department Consent Required

An opportunity for senior students to pursue a public health studies topic under the direction of a faculty mentor.

Repeat: Course may be repeated

PH 541 Rural Public Health (3 crs)

Influence of rurality on health issues, populations, and public health practice.

Grading Basis: A-F Grades Only

PH 541A Rural Public Health (3 crs)

Prerequisite: Limited to students accepted into the Master of Public Health Accelerated Plan.

•Dual listed with PH 541. This course is part of the Master of Public Health accelerated degree program. Additional graduate-level work will need to be completed as specified in the course syllabus.

Influence of rurality on health issues, populations, and public health practice.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 550 Public Health and Climate Change (3 crs)

Examines the causes and impacts of climate change and its implications for public health and well-being. The role of public health practitioners in approaches to climate adaptation and mitigation are considered.

Grading Basis: A-F Grades Only

PH 550A Public Health and Climate Change (3 crs)

Prerequisite: Limited to students accepted into the Master of Public Health Accelerated Plan.

•Dual listed with PH 550. This course is part of the Master of Public Health accelerated degree program. Additional graduate-level work will need to be completed as specified in the course syllabus.

Examines the causes and impacts of climate change and its implications for public health and well-being. The role of public health practitioners in approaches to climate adaptation and mitigation are considered.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 626 Field Epidemiology: Outbreak Investigations (3 crs)

Application of multidisciplinary techniques to investigate and respond to urgent public health problems.

Grading Basis: A-F Grades Only

PH 626A Field Epidemiology: Outbreak Investigations (3 crs)

Prerequisite: Limited to students accepted into the Master of Public Health Accelerated Plan.

•Dual listed with PH 626. This course is part of the Master of Public Health accelerated degree program. Additional graduate-level work will need to be completed as specified in the course syllabus.

Application of multidisciplinary techniques to investigate and respond to urgent public health problems.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 710 Foundations and Applications of Public Health (3 crs)

Examines purpose, organization, and functions of public health systems and the factors and determinants affecting population health.

Attributes: MPH Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

PH 715 Environmental and Occupational Health (3 crs)

This course investigates physical, chemical and biological hazards in food, air, water and soil associated with adverse human health effects. Exposure to hazards among the general population and in occupational settings will be explored. Students will learn approaches to mitigating risk and environmental contamination. The course introduces students to careers in Environmental Occupational Health.

Grading Basis: A-F Grades Only

PH 720 Biostatistics for Population Health (3 crs)

Biostatistical concepts and methods used in public and population health sciences. Emphasizes application, interpretation for practice, and statistical literacy.

Attributes: MPH Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

PH 720A Biostatistics for Population Health (3 crs)

Prerequisite: Limited to students accepted into the Master of Public Health Accelerated Plan.

•Dual listed with PH 720. This course is part of the Master of Public Health accelerated degree program.

Biostatistical concepts and methods used in public and population health sciences. Emphasizes application, interpretation for practice, and statistical literacy.

Attributes: MPH Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

PH 725 Principles of Epidemiology (3 crs)

Descriptive and analytical epidemiological methods used in public health practice. Emphasizes application, interpretation, and epidemiological literacy.

Grading Basis: A-F Grades Only

PH 725A Principles of Epidemiology (3 crs)

Prerequisite: Limited to students accepted into the Master of Public Health Accelerated Plan.

•Dual listed with PH 725. This course is part of the Master of Public Health accelerated degree program.

Descriptive and analytical epidemiological methods used in public health practice. Emphasizes application, interpretation, and epidemiological literacy.

Grading Basis: A-F Grades Only

PH 730 Public Health Policy and Advocacy (3 crs)

Prepares students to identify public health problems, analyze potential policy solutions, and determine advocacy strategies to apply to encourage policy makers to implement the recommended public health policy solution.

Attributes: MPH Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

PH 735 Public Health Program Planning (3 crs)

Public health planning frameworks, models, and theories to develop public health interventions and programs.

Grading Basis: A-F Grades Only

PH 740 Public Health Administration (3 crs)

Principles, theories, and practices of public health leadership and management.

Grading Basis: A-F Grades Only

PH 745 Program Evaluation and Research Methodologies (3 crs)

Prerequisite: PH 720

Program evaluation applies research methodologies to monitor and assess the effectiveness and efficiency of public health interventions and programs, for the purpose of improvement. This course focuses on program logic, evaluation design, and communication of evaluation findings for lay and professional audiences.

Grading Basis: A-F Grades Only

PH 780 Graduate Internship in Public Health (1-6 crs)

Consent: Department Consent Required

•Consent of MPH Director required for enrollment.

Supervised field experience in public health with a government, voluntary, professional or industrial/corporate organization.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: S/U Only Grade Basis

PH 790 Applied Public Health Practice (3 crs)

Demonstrate MPH competency attainment through an applied public health project.

Grading Basis: A-F Grades Only

PH 791 MPH Capstone (3 crs)

Consent: Instructor Consent Required

Integrative learning experience. Synthesizes and integrates MPH competencies.

Grading Basis: A-F Grades Only

PH 793 Special Topics in Public Health (1-3 crs)

Current and emerging public health issues and practices.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

PH 797 Independent Study (1-3 crs)

Consent: Instructor Consent Required

Individual project in public health.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only
