

PUBLIC HEALTH-PBHL (PBHL)

Courses

PBHL 200 Introduction to Public Health (GT-SS3) Credits: 3 (3-0-0)

Course Description: Exploration of social determinants of health, epidemiology, health care systems, health disparities, health through the lifespan, and environmental health risks.

Prerequisite: None.

Registration Information: Offered as an online course only.

Term Offered: Summer.

Grade Mode: Traditional.

Special Course Fee: No.

Additional Information: Social & Behavioral Sciences 3C, Human Behavior, Culture, or Social Frameworks (GT-SS3).

PBHL 516 Public Health Foundations Credits: 2 (2-0-0)

Course Description: Introduction to public health history, concepts, principles, and current trends.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program.

Registration Information: Graduate standing; Colorado School of Public Health student. Credit not allowed for both PBHL 516 and PSY 516A-C.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 520 Health Systems Policy and Management Credits: 3 (3-0-0)

Course Description: Overview of the organization and financing of U.S. healthcare systems, how health policy is developed and implemented, and key principles of leadership and management for public health professionals.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Graduate student in the Colorado School of Public Health. Sections may be offered: Online.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 530 Environmental Public Health and Policy Credits: 3 (3-0-0)

Course Description: Major concepts, methodologies and issues in the field of environmental public health.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program.

Registration Information: Graduate standing; Colorado School of Public Health student. Credit not allowed for both ERHS 520 and PBHL 530.

Terms Offered: Fall, Spring.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 534 Public Health Data Management Using SAS Credits: 3 (1-2-1)

Course Description: Introduction to the basic concepts and skills needed to create programs for data management and analysis using SAS software. Explores how to manipulate and prepare data for analysis in SAS (including inputting, recoding, reformatting, subsetting, and merging data), and perform data analysis and write reports.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program.

Registration Information: Graduate standing. Must register for lecture, lab, and recitation.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 540 One Health in Public Health Credits: 3 (3-0-0)

Also Offered As: VS 540.

Course Description: Exploration of the interconnectedness of the environment and human and animal health. Topics will include national parks and public health, species reintroductions, zoonotic (animal-to-human) disease, the psychology of open space, bush-meat and ecological perturbation. Issues will be addressed from the perspective of public health, medicine, veterinary science, and ecology as well as their impact on health policy.

Prerequisite: None.

Restriction: Must be a: Graduate, Professional.

Registration Information: Graduate standing. Sections may be offered: Online. Credit not allowed for both PBHL 540 and VS 540.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 550 Applied Social & Community Factors in Health Credits: 3 (3-0-0)

Course Description: Explore the social, behavioral, and cultural factors that affect the health of individuals and populations and, thus, contribute to health inequities. Investigate topics such as structural bias, racism and social inequities that impact community health. Examine development, implementation and evaluation of programs and policies to promote and sustain healthy communities.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program.

Registration Information: Graduate standing; Colorado School of Public Health student. Sections may be offered: Face-to-Face, Mixed Face-to-Face, or Online. Credit not allowed for both HES 556 and PBHL 550.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 553 Global Health Foundations Credits: 3 (3-0-0)

Course Description: Appraisal of the current health status of different countries using relevant health indicators. Exploration of population diversity and possible inequities in health and critical assessment of causes of various global health-related conditions. Assessment of existing health issues and plausible solutions to these conditions.

Prerequisite: None.

Restriction: Must be a: Graduate.

Registration Information: Graduate standing.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 554 Decolonizing Global Health Credits: 3 (3-0-0)

Course Description: Examination of disparities in global health. Exploration of colonial influences on power imbalances between high income and low- and middle-income countries. Root causes of disparities and strategies to address and mitigate disparities are examined.

Prerequisite: None.

Restriction: Must be a: Graduate.

Registration Information: Graduate standing.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 560 Quantitative Methods in Public Health I Credits: 3 (3-0-0)

Course Description: Introduction to the major concepts and applications in public health data interpretation and analysis.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program.

Registration Information: Graduate standing. Enrollment in Colorado School of Public Health. Written consent of instructor. Credit allowed for only one of the following: EDRM 606, PBHL 560, or VS 562.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 570 Epidemiology for Public Health Credits: 3 (3-0-0)

Course Description: Descriptive and analytic methods in epidemiology and their application to research and practice in the field of public health.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 572 Geographic Information Systems in Health Credits: 3 (2-2-0)

Course Description: Application of spatial thinking and geospatial technologies to health issues at local and global levels. Acquire fundamental skills in using various geospatial technologies to map and analyze health and other relevant data and learn to produce cartographic products for publication or online distribution.

Prerequisite: None.

Restriction: Must be a: Graduate.

Registration Information: Graduate standing. Must register for lecture and laboratory.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 573 Exploring Social Epidemiology Credits: 3 (3-0-0)

Course Description: Theories and epidemiological methods relevant to connections between social exposure and population health. Factors as socioeconomic status, discrimination, working conditions, historical and current policies, neighborhood characteristics, and other elements that influence population health through a social perspective.

Prerequisite: PBHL 570.

Restriction: Must be a: Graduate.

Registration Information: Enrollment in Colorado School of Public Health. Sections may be offered: Online.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 575 Epidemiological Research for Public Health Credits: 3 (3-0-0)

Course Description: Concepts, principles and skills needed for conducting epidemiological research in public health.

Prerequisite: PBHL 534 and PBHL 570.

Restriction: Must be a: Graduate, Graduate cooperative program.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 620 Developing a Practice of Leadership in Health Credit: 1 (1-0-0)

Course Description: Leadership theories and practices, focusing on health and social justice. Exploration of leadership in historical and contemporary contexts aiming to create change in policies, systems, and programs. Students gain skills in understanding and communicating practices of leadership in health and develop a vision for their own leadership practice.

Prerequisite: None.

Restriction: Must be a: Graduate, Professional.

Registration Information: This is a partial semester course. Sections may be offered: Online and Mixed Face-to-face.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 630 Field Methods for Disease Investigation Credits: 3 (3-0-0)

Course Description: Application of epidemiologic tools to collect, analyze, and interpret data and test results important for disease surveillance and investigation.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: One epidemiology course; Bachelor's degree required. Sections may be offered: Online.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 642 One Health in Communities Credits: 3 (3-0-0)

Course Description: One Health is a transdisciplinary concept that focuses on issues at the intersection of human, environmental, and animal health. Solving complex problems at the nexus of these three health sectors requires transdisciplinary, collaborative action. Taking a One Health approach therefore warrants the creation of teams and processes that connect expertise in human, animal, and environmental issues to conduct research in, and find solutions for, One Health problems.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 644 Physical Activity and Public Health Credits: 3 (3-0-0)

Course Description: Explore the role of physical activity (PA) in public health (PH). History of physical activity in public health, basic exercise physiology and kinesiology principles, and effectively promote and measure physical activity in a variety of populations. Discuss physical activity in various settings, and explore how programs are effectively planned, implemented and evaluated.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 645 Team Science Credits: 3 (3-0-0)

Course Description: Core concepts and practices of Team Science. Exploration of challenges and opportunities for inter- and transdisciplinary research and cross-sectoral initiatives. The course will contextualize Team Science within contemporary social, economic, and political contexts.

Prerequisite: None.

Restriction: Must be a: Graduate.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 650 Health Promotion Programming Credits: 3 (3-0-0)

Course Description: Application of Evidence-Based Public Health (EBPH) to plan, implement and evaluate health promotion programs and policies. Critical analysis of the effectiveness of interventions to improve health outcomes and equity.

Prerequisite: None.

Restriction: Must be a: Graduate, Professional.

Registration Information: Credit not allowed for both HES 650 and PBHL 650.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 660 Quantitative Methods in Public Health II Credits: 3 (3-0-0)

Course Description: Extends the basic principles of descriptive and inferential statistics to modeling more complex relationships using linear regression, logistic regression, Cox proportional hazards regression, and mixed model analysis techniques.

Prerequisite: PBHL 560.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 686 Public Health Practicum Credits: 2 (0-0-2)

Course Description:

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Admission to Master of Public Health program.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Instructor Option.

Special Course Fee: No.

PBHL 692A Seminar: Animals, People, and the Environment Credits: Var[1-6] (0-0-0)

Course Description: Current public health issues related to interactions among people, animals, and our environment.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 692B Seminar: Epidemiology in Public Health Credits: Var[1-6] (0-0-0)

Course Description: Current epidemiological public health issues.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 692C Seminar: Global Health & Health Disparities Credits: Var[1-6] (0-0-0)

Course Description: Current public health issues concerning disparate populations and global health trends.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 692D Seminar: Health Communication Credits: Var[1-6] (0-0-0)

Course Description: Current issues and trends in health communication.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 692E Seminar: Physical Activity & Healthy Lifestyles Credits: Var[1-6] (0-0-0)

Course Description: Current public health issues concerning exercise, the built environment, and health promotion.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 692F Seminar: Public Health Nutrition Credits: Var[1-6] (0-0-0)

Course Description: Current issues and trends concerning the impact of nutrition on public health.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Graduate standing. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 692G Seminar: Current Issues in Public Health Credits: Var[1-6] (0-0-0)

Course Description: Current public health issues and trends.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Sections may be offered: Online. May be taken for credit up to 3 times; maximum of 9 credits allowed in PBHL 692A-692G.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 695 Public Health Independent Study Credits: Var[1-6] (0-0-0)

Course Description:

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Graduate standing; Colorado School of Public Health student. May be taken for credit up to 3 times; maximum of 9 credits allowed.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 696 Public Health Group Study Credits: Var[1-6] (0-0-0)

Course Description: Group study on current public health issues; topics will vary.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Graduate standing. Sections may be offered: Online.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Traditional.

Special Course Fee: No.

PBHL 698 Public Health Capstone Credits: 2 (0-0-2)

Course Description: Capstone project for Master of Public Health students.

Prerequisite: None.

Restriction: Must be a: Graduate, Graduate cooperative program, Professional.

Registration Information: Admission to Master of Public Health program required.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Instructor Option.

Special Course Fee: No.