

PUBLIC HEALTH-CSU (PBHC)

PBHC 5160 - Public Health Foundations (2 Credits)

This course will provide students with an overview of key concepts underlying public health in historical and contemporary perspective. The course will include attention to the main functions of public health as well as ethical principles associated with public health practice.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall.

PBHC 5200 - Healthcare Systems, Policy and Management (3 Credits)

This course provides an overview of the U.S. healthcare system, its key components and their functional relationships. Students learn about the organization and financing of the U.S. system, how health policy is developed and implemented, and key principles of leadership and management for health professionals.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Spring.

PBHC 5300 - Environmental Public Health and Policy (3 Credits)

This course provides a broad understanding of the factors that influence natural, urban, rural, and workplace environments as well as human health risks from chemical, biological, and physical agents.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Spring.

PBHC 5340 - Public Health Data Management Using SAS (3 Credits)

Students will learn how to use SAS software for data management to prepare data for analyses. Main topics include importing and exporting data, variable and dataset manipulations. Introductions to producing reports, basic statistics, figures and SAS macros are also covered.

Grading Basis: Letter Grade

Additional Information: Colorado State University.

Typically Offered: Fall.

PBHC 5400 - One Health in Public Health (3 Credits)

This course will examine the interconnectedness of environmental, human and animal health. Issues will be addressed from the perspectives of public health, medicine, veterinary science, and ecology bearing in mind the implications for health policy.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall.

PBHC 5500 - Social and Community Health (3 Credits)

This course reviews a wide range of behavior change theories used in public health promotion/disease prevention interventions. Development, implementation and evaluation of programs and policies to promote and sustain healthy environments and lifestyles are examined. Prerequisite: Students can only receive credit for one of the following: PBHC 5500, HESC 5560, CBHS 6610, and CHBH 5090

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring.

PBHC 5530 - Global Health Foundations (3 Credits)

This course is designed to provide a broad overview of global health topics and enable students to appraise the current health status in a country; describe population diversity and possible inequalities; understand and critically assess the magnitude and likely causes of various health-related conditions and assess existing and plausible solutions.

Grading Basis: Letter Grade

Typically Offered: Fall.

PBHC 5600 - Quantitative Methods in Public Health (3 Credits)

Applied biostatistical methods including descriptive and statistical inference; odds ratio and relative risk, probability theory, parameter estimation, tests for comparing statistics of two or more groups, correlation and linear regression and overviews of: multiple and logistic regression and survival analysis. Requirements: Students can only receive credit for one of the following: PBHC 5600, BIOS 6601, EDRM 6060, VSCS 6620 or CHBH 6120

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring.

PBHC 5700 - Epidemiology for Public Health (3 Credits)

This course will provide an introduction to descriptive and analytic methods in epidemiology and their application to research and practice in public health.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall.

PBHC 5750 - Epidemiological Research for Public Health (3 Credits)

Principles, concepts and methods for conducting ethical, valid and scientifically correct observational studies in epidemiological research. Lectures and practical experience reinforce hypothesis formulation, study design, data collection and management, analysis and publication strategies. PBHC 5600, PBHC 5700 and PBHC 5340 or equivalent.

Grading Basis: Letter Grade

Additional Information: Colorado State University.

Typically Offered: Spring.

PBHC 6300 - Field Methods of Disease Investigation (3 Credits)

The application of epidemiologic tools to collect, analyze, and interpret data and test results important for disease surveillance and investigation. Requisite: Once course in epidemiology.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring.

PBHC 6420 - One Health in Communities (3 Credits)

One Health is a transdisciplinary concept that focuses on issues at the intersection of human, environmental, and animal health. The One Healthy City Project will bring together interdisciplinary graduate and professional students with the goal of applying One Health knowledge to enhance our local community. Faculty advisors and liaisons from the City of Fort Collins will present a series of seminars that provide the context for aspects of city planning, nature in the city, and incorporation of One Health concepts suggestions that will support the development of Fort Collins as a city.

Grading Basis: Letter Grade

Typically Offered: Spring.

PBHC 6440 - Physical Activity and Public Health (3 Credits)

This course explores the history of physical activity in public health, basic exercise physiology and kinesiology principles, as well as how to effectively promote and measure physical activity in a variety of populations. Physical activity in various settings will be discussed as well as program planning, implementation and evaluation.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall.

PBHC 6600 - Quantitative Methods in Public Health II (3 Credits)

A continuation of PBHC 5600 extending the basic principles of descriptive and inferential statistics to modeling more complex relationships using linear regression, logistic regression, and Cox regression. The statistical package SAS is used extensively. Pre-requisite: PBHC 5600

Grading Basis: Letter Grade

Additional Information: Colorado State University.

Typically Offered: Spring.

PBHC 6860 - CSU Public Health Practicum (2 Credits)

All MPH students are required to successfully complete a practicum in which the student demonstrates competencies and integrates knowledge. It is intended to enrich the student's experience by providing opportunity to apply theory and skills in a public health setting. Prerequisite: PBHC 5160 or equivalent and successful completion of 3 additional core courses. Restriction: Student must be in good academic standing to enroll. Only open to MPH students. Department Consent Required.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6920 - Public Health Seminar - APE (1-6 Credits)

Seminar on current public health issues; topics will vary.

Grading Basis: Letter Grade

Repeatable. Max Credits: 9.

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6921 - Public Health Seminar - EPI (1-6 Credits)

Seminar on current public health issues. Topics will vary.

Grading Basis: Letter Grade

Repeatable. Max Credits: 9.

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6922 - Public Health Seminar - GHHD (1-6 Credits)

Seminar on current public health issues. Topics will vary.

Grading Basis: Letter Grade

Repeatable. Max Credits: 9.

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6923 - Public Health Seminar - HCOM (1-6 Credits)

Seminar on current public health issues. Topics will vary.

Grading Basis: Letter Grade

Repeatable. Max Credits: 9.

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6924 - Public Health Seminar - PAHL (1-6 Credits)

Seminar on current public health issues. Topics will vary.

Grading Basis: Letter Grade

Repeatable. Max Credits: 9.

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6925 - Public Health Seminar - PHN (1-6 Credits)

Seminar on current public health issues. Topics will vary.

Grading Basis: Letter Grade

Repeatable. Max Credits: 9.

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6926 - Public Health Seminar - Public Health (1-6 Credits)

Seminar on current public health issues. Topics will vary.

Grading Basis: Letter Grade

Repeatable. Max Credits: 9.

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6950 - CSU Public Health Independent Study (1-3 Credits)

Faculty directed independent study in topics related to public health.

Instructor Permission Required.

Grading Basis: Letter Grade

Repeatable. Max Credits: 6.

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6960 - Public Health Group Study (1-18 Credits)

Public Health Group Study at CSU - topics vary

Grading Basis: Letter Grade

Repeatable. Max Credits: 18.

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.

PBHC 6980 - MPH Capstone - CSU (2 Credits)

Capstone project for CSU Master of Public Health students. Department consent required.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.

Additional Information: Colorado State University.

Typically Offered: Fall, Spring, Summer.