

# HEALTH SYSTEMS, MANAGEMENT, AND POLICY (HSMP)

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## HSMP 6601 - Introduction to HSMP (3 Credits)

Provides an introduction to health systems, management and policy. Topics include the financing and organization of the U.S. healthcare system; introduction to health policy, including stakeholder analysis; and basic managerial skills, including human resources and budgeting.

Grading Basis: Letter Grade

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

Typically Offered: Spring, Summer.

## HSMP 6602 - Health Equity (3 Credits)

Addresses health inequities affecting the poor, racial and ethnic minorities, prisoners, rural residents, disabled, GLBTI and other populations. The course studies: 1) measurement/data issues in health inequity research; 2) institutionalized, personally mediated and internalized causes; and 3) solutions/challenges.

Grading Basis: Letter Grade

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

Typically Offered: Fall.

## HSMP 6604 - Health Care Economics (3 Credits)

Uses economic theory to analyze and understand the U.S. health care system. Topics include: demand and supply of health and health care, health insurance, hospitals, pharmaceuticals, and physicians. Analyzes institutional and legal incentives that affect physician, patient, and insurer decision-making.

Grading Basis: Letter Grade

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

Typically Offered: Fall.

## HSMP 6605 - Health Policy (3 Credits)

Course focuses on important U.S. health policy issues and analysis, implementation, and communication skills for the practice of health policy. Evaluation is based on in-class labs, group projects, and analysis paper of a health policy case example.

Grading Basis: Letter Grade

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

Typically Offered: Spring.

## HSMP 6606 - Public Health Administration (2 Credits)

Course provides an introduction to public health management and administration. Components aim to stimulate interactions around important problems and issues including managerial decision-making and increasing practical knowledge, tools, and strategies required by organizational decision-makers. Business plans are produced.

Grading Basis: Letter Grade

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

Typically Offered: Fall.

## HSMP 6608 - Ethical and Legal Issues in Public Health (2 Credits)

Course explores the legal and ethical dimension of public health. It focuses on topics that generate legal and ethical controversies, including governmental duties to protect citizens, nature and extent of the government's ability to regulate conduct, and responses to epidemics.

Grading Basis: Letter Grade

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

Typically Offered: Fall.

## HSMP 6609 - Cost Benefit and Effectiveness in Health (2 Credits)

Introduces students to the basics of economic evaluations of health care interventions or technology. Economic evaluations provide a method to assimilate different cost and health outcomes associated with medical treatments into a common metric.

Grading Basis: Letter Grade

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

Typically Offered: Spring.

## HSMP 6610 - Health Care Financial Management (3 Credits)

Students will acquire the tools to incorporate financial, strategic, and mission-based objectives into capital investment decisions. The material also enables students to assess financing options and understand asset valuation techniques, create financial statements and perform pro-forma financial analyses.

Grading Basis: Letter Grade

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

Typically Offered: Fall, Spring.

## HSMP 6613 - Addressing Health Equity in Colorado's Safety Net (1 Credit)

Real world health equity challenges as described by today's leaders featuring guest lecturers and case studies from organizations actually doing the work in communities across Colorado. The challenges of providing high quality medical, oral, behavioral and social services to some of Colorado's most diverse populations will be discussed.

Grading Basis: Letter Grade

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

Typically Offered: Fall.

## HSMP 6614 - MCH Program Management & Policy Analysis (3 Credits)

Students will learn and apply program management concepts and policy analysis methods to choose among potential policy and programmatic solutions to improve the health outcomes of pregnant women, infants, children, and children with special health care needs.

Grading Basis: Letter Grade

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

Typically Offered: Fall.

## HSMP 6615 - Current Global Health Policy Issues (2 Credits)

Students will identify major actors and their roles in global health policy; discuss major policy issues focusing on poverty reduction using case study examples; and write a health policy analysis paper for the assessment in this course.

Grading Basis: Letter Grade

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

Typically Offered: Fall.

## HSMP 6616 - Intro. to Health Policy Analysis and Communication (1 Credit)

Introduces a framework for systemically and critically evaluating the health policy literature. Reviews effective oral and written communication skills for presenting policy analyses. Evaluation is based on a written analysis of a policy paper of the student's choosing.

Grading Basis: Letter Grade

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

Typically Offered: Spring.

**HSMP 6617 - Interpreting Health Policy and Management Research (2 Credits)**

This course explores the methods used in health policy and management research. Students learn to read and interpret research, with an emphasis on understanding the strengths and weaknesses of different analytical approaches to become an effective consumer of the literature.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.  
Typically Offered: Spring.

**HSMP 6618 - Comparative Health Systems (2 Credits)**

This course provides framework for students to analyze the different ways that health care is organized and delivered in settings around the world, including low-, middle- and high-income countries. Exploration of how a country's history, geography, government and economy influence the way that health care is provided.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.  
Typically Offered: Spring.

**HSMP 6623 - Systems Thinking and Analysis (2 Credits)**

Exploration of how a systems thinking approach can help frame problems for future research, identify leverage points for interventions, mitigate unintended consequences of these interventions, and inform policy solutions and research to address complex public health problems.

Grading Basis: Letter Grade

Typically Offered: Spring.

**HSMP 6630 - Grant Writing for Public Health Professionals (2 Credits)**

This course focuses on basic skills required to develop, fund and evaluate data-driven, evidence-based public health programs. The course involves the construction of a 3-step logic model: Need, intervention and outcomes. In addition, organization/individual capacity, partnerships and budget is discussed. Prerequisite: BIOS 6601, EPID 6630, and the core course within the student's MPH concentration.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.  
Typically Offered: Spring.

**HSMP 6633 - Management of Non-Profit Organizations in Public Health (2 Credits)**

Course introduces nonprofit theory, focuses on nonprofit leadership and management, and explores nonprofit innovation and change within the context of public health. A highly practical and applied approach for students working in the nonprofit sector or with nonprofit partners.

Grading Basis: Letter Grade

Repeatable. Max Credits: 2.

A-PUBH1 Graduate students and public health certificate students only.  
Typically Offered: Spring.

**HSMP 6634 - Management, Budgeting and Public Health Administration (3 Credits)**

This course is designed to prepare public health professionals for management and administration of public health programs and community initiatives. Content addresses program planning, development, budgeting, management and evaluation.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.  
Typically Offered: Fall.

**HSMP 6640 - Leadership for Public Health Practice Part 2 (3 Credits)**

The focus of this course will be: 1) understanding public health structure, laws, regulations and policies; 2) creating a collaborative environment to deliver essential public health services; 3) create and disseminate work plans and results to communities and stakeholders. Restrictions: Enrollment in LPH concentration required. Pre-requisite: CBHS 6640.

Department consent required.

Grading Basis: Letter Grade

A-PUBH1 Graduate students and public health certificate students only.  
Typically Offered: Spring.

**HSMP 6650 - MPH Research Paper (1-2 Credits)**

Independent research project resulting in a publishable paper. All projects will involve the analysis of primary or secondary data. Department consent required.

Grading Basis: Letter Grade with IP

Repeatable. Max Credits: 2.

A-PUBH1 Graduate students and public health certificate students only.  
Typically Offered: Fall, Spring, Summer.

**HSMP 6651 - HSR Masters Research Paper (1-6 Credits)**

Masters Research Paper in HSR is completed under this course.

Grading Basis: Letter Grade with IP

Repeatable. Max Credits: 6.

A-PUBH1 Graduate students and public health certificate students only.  
Additional Information: Report as Full Time.

Typically Offered: Fall, Spring, Summer.

**HSMP 6670 - Special Topics: Health Systems, Management and Policy (1-3 Credits)**

Special interest areas of current health systems, management, and policy research and practice are presented and analyzed. The course format is lecture and discussion or seminar. Check with CSPH website for offerings and topics for this course each semester.

Grading Basis: Letter Grade

Repeatable. Max Credits: 999.

A-PUBH1 Graduate students and public health certificate students only.  
Typically Offered: Fall, Spring, Summer.

**HSMP 6840 - Independent Study: Health Systems Management and Policy (1-3 Credits)**

Faculty directed independent study in topics related to health systems, management and policy. Department consent required.

Grading Basis: Letter Grade

Repeatable. Max Credits: 6.

A-PUBH1 Graduate students and public health certificate students only.  
Typically Offered: Fall, Spring, Summer.

**HSMP 6950 - MS Thesis (1-6 Credits)**

HSR Master thesis work is completed under this course.

Grading Basis: Letter Grade

Repeatable. Max Credits: 6.

A-PUBH1 Graduate students and public health certificate students only.  
Additional Information: Report as Full Time.

Typically Offered: Fall, Spring, Summer.

**HSMP 6990 - MPH Capstone Preparation - HSMP (1 Credit)**

MPH Capstone Preparation will focus on developing the basis for a strong capstone project, culminating in the finalization of the capstone proposal that meets the expectations of the concentration.

Grading Basis: Satisfactory/Unsatisfactory w/IP

This course is restricted to students with a MPHD-MPH plan of study only.

Typically Offered: Fall, Spring, Summer.

**HSMP 7010 - Foundations in Health Services Research (1 Credit)**

Introduces students to the academic health services research literature. This seminar course requires students to participate in small seminars led by faculty on different health services research topics plus attending larger HSMP departmental seminars. Evaluation is based on weekly papers.

Grading Basis: Letter Grade

Repeatable. Max Credits: 2.

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

Typically Offered: Fall, Spring.

**HSMP 7601 - Research Design and Proposal Preparation (3 Credits)**

Research as a systematic method for examining questions derived from related theory and/or health service practice. Major focus is on the logic of causal inference, including the formulation of testable hypotheses relating to health services organization and management, the design of methods and measures to facilitate study. Requisite: Upper division course in statistics

Grading Basis: Letter Grade

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

Typically Offered: Fall.

**HSMP 7603 - Advanced Public Health Strategic Planning and Management: Theory and Practice (3 Credits)**

This doctoral level course examines the theory and practice of strategic planning and management for governments, public agencies, nonprofit organizations, and community collaborations engaged in the mission of improving the public's health.

Grading Basis: Letter Grade

Typically Offered: Spring.

**HSMP 7605 - Managing a Learning Healthcare System: Theory to Prac (3 Credits)**

How to implement and manage a Learning Healthcare System including history, current state and future directions. Systems theories, LHS researchers core competencies, challenges and solutions for creating work environments supportive of learning and evidence-based practices and policies will be explored.

Grading Basis: Letter Grade

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

Typically Offered: Spring.

**HSMP 7607 - Methods in Health Services Research I (3 Credits)**

The first of a 2-course sequence in empirical methods in health services research. The statistical theory underlying basic empirical methods and the thoughtful implementation/practice of these methods are emphasized. Topics covered include: OLS, Gauss-Markov assumptions, logit/probit. Stata will be used. Prereq: BIOS 6611

Grading Basis: Letter Grade

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

Typically Offered: Spring.

**HSMP 7609 - Methods in Health Services Research II (3 Credits)**

Students will learn how to specify and estimate econometric models to test theory-driven hypotheses. The course builds on HSMP 7607 and covers advanced methods related to panel/longitudinal, multinomial, survival, and count data models. Stata software will be used.

Prerequisites: HSMP 7607, enrolled in PhD or DrPH or permission of instructor.

Grading Basis: Letter Grade

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

Typically Offered: Fall.

**HSMP 8990 - Doctoral Thesis - Health Systems Management and Policy (1-10 Credits)**

Doctoral thesis work in Health Systems Management and Policy.

Prerequisite: Permission of Instructor.

Grading Basis: Letter Grade with IP

Repeatable. Max Credits: 10.

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

Additional Information: Report as Full Time.

Typically Offered: Fall, Spring, Summer.