

# HEALTH SERVICES RESEARCH & ADMINISTRATION (HSRA)

## **HSRA 810 U.S. HEALTH CARE SYSTEM: AN OVERVIEW 3 Credit Hours**

This course will offer the student an overview of the health and medical care delivery system in the U.S. Topics covered from a historical, economic, organizational, sociological, and political perspectives include the following: the history and evolution of health services, the role of the US Government in healthcare, special and international US Government health programs, US Public Health Systems, US health care delivery systems, urban and rural US health care, the US health insurance systems, pharmaceuticals and biomedical industry, healthcare and medical research, US healthcare workforce, healthcare technology and information systems, US healthcare laws and policy, financing the US healthcare system, professional organizations, quality and accreditation, and the future of healthcare in the US.

Cross List: CPH 560.

Typically Offered: FALL

## **HSRA 820 GLOBAL APPLICATIONS IN PUBLIC HEALTH 3 Credit Hours**

The course provides a survey of the field of global health, including health conditions, resources, and programs. The course deals with the application of the principles of public health to health problems of countries around the world, and global forces that affect health. Topics covered include global health policy, including tobacco control policies, comparative health systems, climate change, and environmental health; the global impact of infectious and chronic diseases; infant mortality; women's health; cultural issues in global health; global occupational health issues; and human rights and ethics in global health. The course is intended for graduate students in public health, health professionals and health professions students who seek an understanding of global public health issues.

Prerequisite: Instructor permission is required.

Cross List: CPH 507.

Typically Offered: FALL

## **HSRA 830 HEALTH CARE ORGANIZATIONAL THEORY AND BEHAVIOR 3 Credit Hours**

This course focuses on introductory level of organizational theory (OT) and organizational behavior (OB) in health services research. Organizational theory is a macro examination of the organizations, focusing on the organization as a unit, and inter-organizational and environmental relationships. Organizational behavior is a micro approach to studying organizations, focusing on individuals in organizations as the unit of analysis.

Cross List: CPH 580.

Typically Offered: FALL

## **HSRA 840 PUBLIC BUDGETING 3 Credit Hours**

The purpose of the course is to familiarize public administration students with the basic characteristics and features of public budgets and enable them to deal competently with them.

Prerequisite: Not open to non-degree students.

Cross List: CPH 561.

## **HSRA 841 HUMAN RESOURCES MANAGEMENT IN HEALTH ORGANIZATIONS 3 Credit Hours**

This course will offer the student an overview of the health and medical care delivery system in the U.S. Topics covered from a historical, economic, sociological, and policy perspective include the following: social values in health care; need, use, and demand for services; providers of health services (people and places); public and private payment systems; alternative delivery systems; and models from other countries. Current health care reform proposals will also be addressed.

Prerequisite: Not open to unclassified students.

Cross List: CPH 562.

Typically Offered: SPRING

## **HSRA 853 STRATEGIC PLANNING AND MANAGEMENT IN PUBLIC HEALTH ADMINISTRATION 3 Credit Hours**

This course examines the theory and practice of strategic planning and management in public health, health services, and voluntary health and welfare organizations. Application of specific principles, concepts, and techniques of strategic planning and management for these organizations will be addressed. The roles and responsibilities of public health and health services administrators in developing, implementing, monitoring and revising strategy will also be examined.

Prerequisite: Permission of instructor.

Cross List: CPH 563.

Typically Offered: SPRING

## **HSRA 860 HEALTH ECONOMICS 3 Credit Hours**

This course is designed to help students understand how the theories and models of economics can be applied to the study of health and health care. The examination of the markets (demand and supply) for health, health care and health insurance is stressed. In addition, the economic analytic tools such as microeconomic theories and economic evaluation methods will also be reviewed and introduced. The objective of this course is to equip students with the knowledge/tools to examine and analyze the problems/issues of health care from the perspective of economics.

Prerequisite: ECON 2200 (Principles of Economics-Micro) or its equivalent.

Cross List: CPH 564.

Typically Offered: FALL

## **HSRA 867 HEALTH POLICY ANALYSIS AND EVALUATION 3 Credit Hours**

This course will provide a framework for understanding how to analyze and evaluate the impact of health policies in public health and health care settings. Topics include structuring policy problems, gathering data for policy analysis, monitoring and evaluating policy performance, and communicating the results of policy analysis. The course is intended for students enrolled in the MPH program and students from other graduate degree programs who have an interest in analyzing and evaluating health policies.

Prerequisite: HSRA 874, HPRO 830.

Cross List: CPH 567.

Typically Offered: SPRING

**HSRA 868 GLOBAL HEALTH SYSTEMS 3 Credit Hours**

This course provides an overview of the structures and roles of international organizations like the World Health Organization (WHO), United Nations Children's Fund (UNICEF), and the World Bank (WB) in global health, as well as the concepts of global health architecture and global health security. This course also provides insights into the core components and functions of different national health systems, including public health, around the world, how they are structured and how they operate, to achieve their national health goals, emphasizing the areas of similarity and the areas of differences. Other topics include global health economics and financing, global social determinants of disease and health, global healthcare and public health innovations, and healthcare and public health systems evaluation.

Cross List: CPH 568

Typically Offered: FALL

**HSRA 872 HEALTH CARE FINANCE 3 Credit Hours**

This course is the required health care financial management course for the Health Care concentration in the MPA program and a required course in the MPH curriculum. Students are not expected to have prior coursework in financial management, managerial and financial accounting. The course does, however, assume the students have some experience with spreadsheet models. This course, which focuses on the application of financial management principles and concepts to health care organizations, consists of (1) instructor lectures, (2) case analyses, (3) presentations, and (4) two examinations. Much of the learning in this course will come from your own individual work and from interacting with other students, so the benefits that you receive will be directly related to your individual efforts.

Prerequisite: Assumes experience with spreadsheet models and statistics

Cross List: CPH 565.

Typically Offered: FALL

**HSRA 873 HEALTH SERVICES ADMINISTRATION 3 Credit Hours**

This course prepares students with the knowledge and skills necessary for roles in healthcare administration. Throughout the course students will examine the responsibilities, challenges, and ethical considerations essential to health services administration. Major topics include health systems, quality improvement, regulatory compliance, human resources, finance, information technology, and the role of healthcare administrators. Additionally, students will learn how to analyze healthcare-specific performance indicators and apply evidence-based recommendations to improve efficiency and effectiveness in healthcare organizations.

Cross List: CPH 502.

Typically Offered: FALL/SPR

**HSRA 874 HEALTH POLICY 3 Credit Hours**

This course covers the fundamental issue of the health policy process by emphasizing the historical, social, economic, and political environment of contemporary US public health and health care policies. Students are expected to become knowledgeable about policy formation, implementation, modification, and evaluation within public health and health care systems. This course is intended for students who are enrolled in the MPH program and students from other graduate degree programs who have an interest in health policy.

Cross List: CPH 566.

Typically Offered: FALL/SP/SU

**HSRA 896 RESEARCH OTHER THAN THESIS HEALTH SERVICES RESEARCH AND ADMINISTRATION 1-4 Credit Hours**

This course is for more advanced students who wish to pursue their research interests in selected areas of Medical Humanities.

Cross List: CPH 587.

Typically Offered: FALL/SP/SU

**HSRA 898 SPECIAL TOPICS HEALTH SERVICES RESEARCH AND ADMINISTRATION 1-4 Credit Hours**

A course designed for Masters students that focuses on selected topics or problems in Health Services Research and Administration.

Cross List: CPH 589.

Typically Offered: FALL/SP/SU

**HSRA 912 SYSTEMS AND STRATEGIC THINKING 3 Credit Hours**

This course prepares public health leaders with the critical skills to lead strategic planning initiatives, design performance monitoring systems, and create implementation and business plans to achieve strategic goals. Students will evaluate organizational stakeholder data, conduct internal and external environmental assessments, develop and communicate strategic goals, and leverage data trends to make strategic decisions that impact public health outcomes.

Prerequisite: DrPH or PhD student status or instructor permission; CPH 563/HSRA 853 Strategic Planning or instructor permission

Cross List: CPH 712

Instructor: Nicole Kolm Valdivia

Typically Offered: FALL

**HSRA 920 QUANTITATIVE METHODS IN HEALTH SERVICES RESEARCH 3 Credit Hours**

This course is designed to equip students with in-depth understanding of theories and applications of some more advanced quantitative methods to conduct independent health services research. The course emphasizes the application of quantitative methods to answer causal questions using observational data.

Prerequisite: BIOS 806 or equivalent; BIOS 808 or equivalent; and instructor permission.

Typically Offered: SPRING

**HSRA 930 DESIGN OF HEALTH SERVICES RESEARCH 3 Credit Hours**

An overview of health services research design and methods. The course focuses on the logic of causal inference, the formulation of testable hypotheses and the design of methods and measures to facilitate the study of questions in health services research.

Prerequisite: BIOS 808; permission of instructor.

Typically Offered: SPRING

**HSRA 940 INTEGRATED SEMINAR IN ECONOMICS AND HEALTH SERVICES RESEARCH 3 Credit Hours**

This doctoral seminar course emphasizes the application of economics to the study of health services and health policy. This course is a doctoral seminar course for the PhD program in Health Services Research, Administration, and Policy. This course is also expected to be useful for health professionals or students of other PhD programs on campus who seek an in-depth understanding of the application of economics to health services research and policy analysis.

Prerequisite: HSRA 860; permission of instructor.

Typically Offered: SPRING

**HSRA 950 MEDICAL GEOGRAPHY AND SPATIAL METHODS IN HEALTH SCIENCES 3 Credit Hours**

The course provides theoretical and analytical aspects of medical geography, spatial analysis, and geographic information systems (GIS) in health services. It examines the role of geographic contexts in shaping health outcomes and how location contexts shape the health of residents.

Prerequisite: BIOS 808 or equivalent; an introductory course in GIS or 1 cr. short course on GIS for public health to be approved by the instructor; permission of instructor.

Typically Offered: FALL

**HSRA 960 SEMINAR IN HEALTH CARE ADMINISTRATION 3 Credit Hours**

This course will provide graduate students with in-depth study of organizational theory and behavior in health care organizations.

It will prepare students to articulate, analyze and interpret health care organizations and the theories that underlie their structure and development. It focuses on historical, current and future perspectives of organizational theory and behavior and their role in the successful delivery of health care.

Prerequisite: PA 8090; permission of instructor.

Typically Offered: FALL

**HSRA 980 SEMINAR IN HEALTH POLICY 3 Credit Hours**

An in-depth examination of the formation and implementation of health policy in the United States, including comparisons to policy formation and implementation in other developed nations. The course includes both seminar sessions and independent research activities. Graduate students will complete research projects analyzing a particular policy or implementation question.

Prerequisite: HSRA 874 or equivalent; permission of instructor.

Typically Offered: SPRING

**HSRA 996 DIRECTED READINGS AND RESEARCH 1-9 Credit Hours**

This course is specific to doctoral level work in the College of Public Health. Content of this independent study may include research other than dissertation, directed readings, and other study of a doctoral level all under the supervision of a graduate faculty member.

Prerequisite: Doctoral student status and program permission.

Typically Offered: FALL/SP/SU

**HSRA 998 DOCTORAL SPECIAL TOPICS 1-4 Credit Hours**

A course designed for PhD students in Health Services Research, Administration Policy and other graduate students that focuses on selected topics or problems in Health Services Research, Administration Policy.

Prerequisite: Permission of instructor.

Typically Offered: FALL/SP/SU

**HSRA 999 DOCTORAL DISSERTATION 1-15 Credit Hours**

Independent student research related to the PhD dissertation. This course may be utilized before or after successful completion of the comprehensive exam.

Typically Offered: FALL/SP/SU