

# HEALTH MANAGEMENT & POLICY (HMP)

# Course numbers with the # symbol included (e.g. #400) have not been taught in the last 3 years.

## HMP 401 - United States Health Care Systems

**Credits:** 4

Nature and functions of health care services and health professionals; impact of social, political, economic, ethical, professional, legal, and technological forces on health care systems. Current health policy issues.

**Attributes:** Social Science (Discovery)

**Equivalent(s):** HMP #401H, HMP 401W

**Grade Mode:** Letter Grading

## HMP #401H - Honors/United States Health Care Systems

**Credits:** 4

Nature and functions of health care services and health professionals; impact of social, political, economic, ethical, professional, legal, and technological forces on health care systems. Current health policy issues.

**Attributes:** Honors course; Social Science (Discovery); Writing Intensive Course

**Equivalent(s):** HMP 401, HMP 401W

**Grade Mode:** Letter Grading

## HMP 401W - United States Health Care Systems

**Credits:** 4

Nature and functions of health care services and health professionals; impact of social, political, economic, ethical, professional, legal, and technological forces on health care systems. Current health policy issues.

**Attributes:** Social Science (Discovery); Writing Intensive Course

**Equivalent(s):** HMP 401, HMP #401H

**Grade Mode:** Letter Grading

## HMP 403 - Introduction to Public Health

**Credits:** 4

This course describes and defines "what is public health" and seeks to convey its critical importance and relevance to both public and individual (personal) wellbeing. It presents an overview of the structure, function, and organization of the public health system/services (government, proprietary, and voluntary sectors) and how they operate, emphasizing core functions and major divisions (public health administration, epidemiology and biostatistics, environmental health, social and behavioral health). Addresses the social, ethical, issues; bioterrorism; epidemics; obesity; tobacco, alcohol, and opioid use; violence. Seeks to challenge students to think critically about existing and emerging U.S. and global public health issues. Introduces public health careers.

**Equivalent(s):** HAP 403

**Grade Mode:** Letter Grading

## HMP #440A - Honors/Global Public Health Issues

**Credits:** 4

This course is designed to provide students with an introduction to and overview of the key areas of global health by addressing the major determinants of health and how health status is measured to determine the burden of disease in the developing world. This course is part of the Honors Symposium titled: Reinventing Healthy Communities Nationally and Globally: Medical, Legal, and Cultural Perspectives. This course is the same course as HMP #444A Honors/Global Public Health Issues, that was approved by the Discovery Program as an Inquiry, World Cultures Category course. HMP #440A will not be offered as an Inquiry course, but will maintain the World Cultures Category.

**Attributes:** Honors course; World Cultures(Discovery)

**Equivalent(s):** HMP #444A

**Grade Mode:** Letter Grading

## HMP 444 - From Frankenstein to Dolly, and Beyond

**Credits:** 4

This course is an interdisciplinary introductory course designed specifically for first year students. It seeks to stimulate, provoke, and support student inquiry, discussion, and exploration of a wide variety of social and ethical issues associated with scientific research and advances, with an emphasis on ones related to the biomedical and health sciences. It explores the value-laden questions that they often precipitate, and their impact on individuals, population groups, and society at large.

**Attributes:** Environment,TechSociety(Disc); Inquiry (Discovery)

**Grade Mode:** Letter Grading

## HMP #444A - Global Public Health Issues

**Credits:** 4

This course is designed to provide students with an introduction to and overview of the key areas of global health by addressing the major determinants of health and how health status is measured to determine the burden of disease in the developing world. Using the perspectives of public health, the course will cover factors associated with the development of health problems and efforts to prevent disease in impoverished areas. Students will also explore the role of social communication, politics, religion, economics, education and culture in contributing to global public health issues and will integrate these factors and values in developing solutions to the widespread public health issues impacting communities worldwide. Students will learn about the magnitude of disease in the developing world (e.g., communicable and non-communicable disease, women and child health, nutrition, and unintentional injuries), how health is assessed and how health systems effectively work together to improve global health.

**Attributes:** World Cultures(Discovery); Inquiry (Discovery)

**Grade Mode:** Letter Grading

## HMP 501 - Epidemiology and Community Medicine

**Credits:** 0 or 4

The distribution and determinants of disease, illness, and health in the community. Community health and illness measures, health status, and source of data. Development of hypotheses and study designs to reduce community health problems using epidemiological reasoning, methods, and analyses. Lab.

**Attributes:** Biological Science(Discovery); Discovery Lab Course

**Equivalent(s):** HAP 402, HAP 501, HMP 501H

**Grade Mode:** Letter Grading

**HMP 610 - Survey of Health Information Systems**

**Credits:** 2

This course introduces you to the nomenclature and foundations of health information technology and systems in health care delivery settings and the management and strategic uses for those systems. It is relevant for those studying health care management and individuals using or installing clinical health information systems. Time will be spent examining health care information flow, data capture, storage within information systems, technology standards, information security, and data usages both internally and externally.

**Prerequisite(s):** HMP 401 with a minimum grade of D-.

**Equivalent(s):** HMP 511, HMP 611

**Grade Mode:** Letter Grading

**HMP 611 - Introduction to Health Information Systems**

**Credits:** 4

This course introduces the student to the nomenclature and foundations of health information technology and systems in health care delivery settings and the management and strategic uses for those systems. It is relevant for those studying health care management and those using clinical health information systems. It examines health care information flow, information systems, technology standards and information security, and presents relevant examples, practical applications and case studies.

**Equivalent(s):** HMP 511, HMP 610

**Grade Mode:** Letter Grading

**HMP 621 - Pre-practicum Seminar**

**Credits:** 1-2

Preparation for field practicum experience, orientation to experiential learning and competency development.

**Repeat Rule:** May be repeated for a maximum of 2 credits.

**Equivalent(s):** HAP 621

**Grade Mode:** Letter Grading

**HMP 622 - Field Practicum in Organizational and Project Analysis, and Management Skills Development**

**Credits:** 3

Experiential learning in a health care organization; application of theories to practice. Planned learning objectives are accomplished through three distinct components. Organizational Analysis, Project Analysis and Management Skills Development, with Supervision by agency personnel. This will include analysis of assigned health care agency, from external and internal viewpoints, development of the basic quantitative and interpersonal skills required for a health services manager, and demonstration of knowledge and analysis of specific problem-solving skills. Students need a GPA of 3.0 or higher, and an approved practicum site.

**Prerequisite(s):** HMP 621 with a minimum grade of D-.

**Equivalent(s):** HAP 622, HMP 622A, HMP 622B, HMP 622C

**Grade Mode:** Credit/Fail Grading

**HMP 624 - Post Practicum Seminar**

**Credits:** 2

Summary and conclusion from field practicum experience. Individual analysis and panel discussions to include site assessment, project description and methodologies employed, critique of individual skills and knowledge base in relation to internship.

**Prerequisite(s):** HMP 621 with a minimum grade of D- and HMP 622 with a minimum grade of D-.

**Grade Mode:** Letter Grading

**HMP 631 - Health Issues Seminar**

**Credits:** 2

Discussion of current issues in the fields of health management, health policy and public health.

**Prerequisite(s):** HMP 624 with a minimum grade of D- and HMP 712 with a minimum grade of D- and HMP 723 with a minimum grade of D- and HMP 735 with a minimum grade of D-.

**Grade Mode:** Letter Grading

**HMP 635 - Healthcare Marketing**

**Credits:** 2

This course introduces the concepts, tools, and strategies needed to address the marketing needs of the healthcare industry to consumers for health promotion of the individual and community.

**Prerequisite(s):** HMP 401 with a minimum grade of D-.

**Equivalent(s):** HMP 735

**Grade Mode:** Letter Grading

**HMP 642 - Health Economics**

**Credits:** 4

Theoretical and empirical analysis of the U.S. health care delivery sector. Topics include health insurance markets and their effects on patients demand, uninsured populations and their access to health care services, breakdowns in the principal/agent relationship between patients' and providers, competition in the medical sector, technology, pharmaceuticals and the scope and effect of government involvement in the delivery of health care.

**Prerequisite(s):** HMP 624 with a minimum grade of D- and HMP 712 with a minimum grade of D- and HMP 723 with a minimum grade of D-.

**Grade Mode:** Letter Grading

**HMP 669 - Human Behavior and the Public Health**

**Credits:** 4

Provides a grounding in fundamental concepts of the behavioral sciences as they illuminate public health. Individual and community responses to prevention, identification of symptoms, diagnoses, treatments, chronic ailments, and rehabilitation are discussed. In each of these areas, the course explores the interaction between community, family, patient, and health care provider.

**Equivalent(s):** HMP 569

**Grade Mode:** Letter Grading

**HMP 702 - Programming in Healthcare Environments**

**Credits:** 4

This course covers using Python as a programming language to write, implement, and design programs that are relevant to various aspects of programming in a health setting. After completion of this course, students should be comfortable with the basic data structures in Python and R (including arrays, dictionaries and dataframes), conditional logic and iterators, writing Python and R functions, and using Python libraries to read external data and perform data manipulations and data analysis.

**Grade Mode:** Letter Grading

**HMP 703 - Translation of Health Data**

**Credits:** 4

This course will give you the skills you need to leverage data to reveal valuable insights and advance your career. This course teaches you the visualization skills necessary to be effective Data Storytellers which helps engage your audience in a story about the data. This course focuses on concepts as well as hands-on experience of presenting data from initial concepts to final presentation by creating meaningful displays of quantitative and qualitative data to facilitate peer/managerial decision making.

**Grade Mode:** Letter Grading

**HMP 711 - Introduction to Healthcare Operations Analytics****Credits:** 4

Introduces intermediate techniques for data manipulation and analysis for the health care field. Also introduces methods for survey research and large data set manipulation and analysis. There is a lab section utilizing a statistical software package where students perform tasks from a large national data set.

**Prerequisite(s):** HMP 401 with a minimum grade of D-.**Grade Mode:** Letter Grading**HMP 712 - Healthcare Operations Management****Credits:** 4

This course introduces students to the field of health analytics and data science. It expands upon introductory statistical and data manipulation methods to include data mining, predictive analytics, cluster analysis, trend and pattern recognition, and data visualization. It couples data skills with interpretive and communication skills. Students will also be exposed to basic statistical programming. There will be a graduate component of the course (812) where students will work on advanced concepts and complete a separate culminating project.

**Prerequisite(s):** HMP 401 with a minimum grade of D- and HMP 711 with a minimum grade of D-.**Grade Mode:** Letter Grading**HMP 715 - Environmental Health****Credits:** 4

This course offers a general introduction to environmental health from the community, regional, and global perspective by addressing fundamental topics and current controversies such as air pollution, water pollution, built environment/urban sprawl, food safety, waste disposal, and occupational health. Students learn about environmental health assessment methods. Major issues in environmental health and related regulatory efforts and public health policy reform are examined.

**Grade Mode:** Letter Grading**HMP 721 - Managing Health Care Organizations****Credits:** 4

Organizational characteristics of ambulatory, acute, and long-term care facilities. Management issues and strategies involving governance, clinical services, human and fiscal resources, and community-based services.

**Prerequisite(s):** HMP 401 with a minimum grade of D-.**Equivalent(s):** HAP 721**Grade Mode:** Letter Grading**HMP 722 - Health Care Management II****Credits:** 4

A continuation of HMP 721 - Managing Health Care Organizations with specific lectures and assignments devoted to organizational behavior, leadership, and managerial skills. Case studies and examples will relate specifically to health care organizations.

**Prerequisite(s):** HMP 721 with a minimum grade of D-.**Grade Mode:** Letter Grading**HMP 723 - Health Planning****Credits:** 0 or 4

Theoretical and historical foundations of health planning; the relationship of health planning and regulation; the application of planning methods; and the utilization of strategic planning and its relationships to marketing.

**Equivalent(s):** HAP 723**Grade Mode:** Letter Grading**HMP 724 - Long-Term Care Management****Credits:** 4

Exploration of the different components of the long-term-care service delivery system to apply contemporary management theory, concepts and models to the entities that make up the long term care service delivery system.

**Prerequisite(s):** HMP 401 with a minimum grade of D- and HMP 721 with a minimum grade of D-.**Grade Mode:** Letter Grading**HMP 735 - Social Marketing****Credits:** 4

An introduction to the vocabulary and tools of social marketing. Expanding upon the traditional principles of marketing and consumer behavior, students are exposed to the challenges of trying to effect behavior change.

**Prerequisite(s):** HMP 401 with a minimum grade of D- and HMP 403 with a minimum grade of D- and HMP 501 with a minimum grade of D- and HMP 711 with a minimum grade of D- and HMP 740 with a minimum grade of D-.**Equivalent(s):** HMP 635**Grade Mode:** Letter Grading**HMP 740 - Health Care Financial Management****Credits:** 4

Techniques, principles, and practices of managing fiscal aspects of health care organizations. Exploration of concepts and techniques associated with variance analysis, cost allocation, management of working capital, and capital decision analysis. Analysis of the impact of reimbursement on health care organizations.

**Prerequisite(s):** HMP 401 with a minimum grade of D- and HMP 501 with a minimum grade of D-.**Equivalent(s):** HAP 740**Grade Mode:** Letter Grading**HMP 741 - Health Care Financial Management II****Credits:** 4

This course focuses on issues related to effective financial management of health care organizations and programs, building upon material covered in HMP 740, Health Care Financial Management. Topics include the time value of money, long-term debt, stocks and equity, and evaluation of capital projects.

**Prerequisite(s):** HMP 740 with a minimum grade of D-.**Grade Mode:** Letter Grading**HMP 742 - Strategic Management for Health Care Organizations****Credits:** 4

Application of managerial methods involving financial, marketing, and operational analysis to health management. Case studies.

**Attributes:** Writing Intensive Course**Prerequisite(s):** HMP 624 with a minimum grade of D- and HMP 642 with a minimum grade of D- and HMP 711 with a minimum grade of D- and HMP 712 with a minimum grade of D- and HMP 722 with a minimum grade of D- and HMP 723 with a minimum grade of D- and HMP 735 with a minimum grade of D- and HMP 740 with a minimum grade of D- and HMP 744 with a minimum grade of D- and HMP 746 with a minimum grade of D-.**Equivalent(s):** HAP 742**Grade Mode:** Letter Grading

**HMP 744 - Health Ethics and Law**

**Credits:** 4

Ethical theories, core legal principles and cases, and decision-making models; patient's rights and professional responsibilities; social justice and resource allocation; critical ethical dilemma's facing health care managers, policy makers, and executives; managerial versus medical care conflicts.

**Prerequisite(s):** HMP 401 with a minimum grade of D- and HMP 403 with a minimum grade of D- and HMP 501 with a minimum grade of D-.

**Grade Mode:** Letter Grading

**HMP 746 - Health Policy**

**Credits:** 4

Analysis of the public policy process, the development of health policies in the U.S., and discussion of specific health policy issues.

**Attributes:** Writing Intensive Course

**Prerequisite(s):** HMP 401 with a minimum grade of D- and HMP 403 with a minimum grade of D- and HMP 501 with a minimum grade of D-.

**Grade Mode:** Letter Grading

**HMP 796 - Independent Study**

**Credits:** 1-4

In-depth study with faculty supervision.

**Repeat Rule:** May be repeated for a maximum of 12 credits.

**Grade Mode:** Letter Grading

**HMP 798H - Honors Project/Research Design**

**Credits:** 2

Examines selected research designs and methods used in health services research/program evaluation. Establishes theoretical and methodological foundation for honors-in-major research project to be conducted during the subsequent semester under a faculty member's supervision.

**Attributes:** Honors course

**Grade Mode:** Letter Grading

**HMP 799H - Honors Project/Research**

**Credits:** 2-4

In-depth research project (conducting and analysis) under supervision of faculty member. Includes scholarly presentation of findings to faculty and other interested parties and preparation of manuscript suitable for publication in peer-viewed journal.

**Attributes:** Honors course; Writing Intensive Course

**Prerequisite(s):** HMP 798H with a minimum grade of D-.

**Grade Mode:** Letter Grading