HSMCD Pre-Program Courses

HP 203 - Medical Terminology
Provides the foundation of medical terminology for individuals who need a familiarity of the medical language. Ideal for preprofessional students preparing for one of the health professions or students currently enrolled in a health professions program. Also valuable for individuals such as medical records technicians, medical transcriptionists, medical secretaries, medical insurance personnel, administrators in health care, and pharmaceutical representatives.

HP 303 - Medical Terminology
Provides the foundation of medical terminology and its application to the health care environment. Ideal for preprofessional students preparing for one of the health professions or a student currently in a health professions program. Emphasizes accurate interpretations and analysis of patient, hospital, and other medical records. Students cannot receive credit for both HP 203 and HP 303.

HMCD 310 – Introduction to the U.S. Health Services System
This course is designed to provide students a common background in how the U.S. health services system is organized, how health services are delivered and the mechanisms by which health services are financed in the United States. The course provides an overview of the U.S. health services system and its key components, including the organization and management of the system, resource development (health care work force, health facilities and biomedical technology), the economic support system and the delivery system.

STATS—Varies
- ECON 231 Business Statistics
- STAT 370 Elementary Statistics
- PSY 301 Psychological Statistics
- SOC 501 Sociological Statistics
- CESP 704 Educational Statistics

COMM—Varies
- COMM 302 Interpersonal Communication
- COMM 311 Persuasion
- COMM 313 Argument & Advocacy
- COMM 328 Teamwork, Leadership & Group Comm
- COMM 325 Speak in Buss & Professions
- ENGL 210 Business Professional Tech Writing
HSMCD Core Courses

HMCD 325 – Introduction to Epidemiology
This course introduces students to the science and methodology of disease and risk surveillance in public health. It presents the foundations and structure used to solve medical and environmental health problems in the community with a primary focus on the health status of individual populations and special populations as they relate to health promotion and disease prevention. The course will include lecture, videos, group analysis, discussion, and a field trip.

HMCD 330 – Community Health and Development
This course introduces concepts, theories and methods used to understand the social determinants of health as well as organizational and system responses to health disparities and community resource needs. This course will examine the meaning of the key terms “health”, “community”, “community building” and “community development” within historical and contemporary perspectives. Students will learn the distinction between community health and healthy communities and the importance of starting with such questions as “whose community?”, “whose health?”, “whose assessment?” and “for whose benefit?” Students will then review several approaches for identifying community needs, including the use of secondary data sources, interview methods, focus groups and surveys. Finally, students will examine the role of creative leadership in providing the link between knowledge about the community and effective social change.

HMCD 308 – Leadership in Self and Society
*General education issues and perspectives course.* Cross-listed with PSY 413. Examines factors influencing the effectiveness of individuals leading change, including values, conflict and power. Studies the human side of organizational change focusing on understanding how and why people react to change, and identifying opportunities for enhancing the effective implementation of change. Students reflect on their own leadership development and work in teams to recommend PH strategies for change in a project, community setting, or organization.

OR

HMCD 333 – Organizational Behavior and Leadership in Health Orgs
This course is designed to familiarize students with the classic themes and perspectives from the field of organizational behavior. The course emphasizes the application of this material to leadership in health care through lecture, group and individual examination of the literature, analysis of case studies, and personal assessment.

HMCD 642 – Introduction to Financing Health Care Services
This is an introductory course to health care financial management. Its aim is to provide some basic tools for non-financial managers. To this end, the course introduces the students to the language, concepts, and practices of financial management encountered in the administration of health care facilities. It emphasizes understanding and application of general financial concepts to the health care setting. These concepts include but are not limited to assets, liabilities, net worth, revenue, expenses, cost, cost classifications, cost behavior, break-even analysis, recording of financial operations, development and analysis of financial statements, cost allocation.

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methods, types of budgets used in health care settings and their purposes, and planning, monitoring and controlling financial operations. It uses examples for various types of health service organizations.

**HMCD 344 – The Role of Culture in Health Care**
This course examines the importance of culture in the way people define, react to, and treat illness and other health risks. Culture influences health seeking behavior by age, ethnicity, education, religion, income, and tradition. When major differences exist between a patient’s and provider’s cultural understanding of illness, a host of adverse outcomes may result. Therefore, this course is additionally designed to improve student’s knowledge of the role of culture in health services by increasing awareness, understanding, tolerance, and appreciation of ethnocultural differences. Students will be introduced to concepts of cultural diversity to enhance their development as culturally competent leaders in the health care sector through lecture, discussion, guest presentation, and video.

**HMCD 356 – Intro to Health Care Administration and Policy**
This course provides an introduction to the underlying principles, practices and concepts of health services administration both from an individual and organizational perspective. The course covers planning, decision-making, influencing and effecting change. Emphasis is placed how health care policy, an organization’s external and internal environment and technology influence organizational strategy, design and function.

**HSMCD Electives**

**HMCD 308 - Leadership in Self and Society**
General education issues and perspectives course. Cross-listed with PSY 413. Examines factors influencing the effectiveness of individuals leading change, including values, conflict and power. Studies the human side of organizational change focusing on understanding how and why people react to change, and identifying opportunities for enhancing the effective implementation of change. Students reflect on their own leadership development and work in teams to recommend PH strategies for change in a project, community setting, or organization.

**HMCD 326 - Emerging Health Care Issues of the 21st Century**
General education issues and perspectives course. Team-taught by experts inside and outside the College of Health Professions. An in-depth study of emerging health care issues in a rapidly changing health care environment. Addresses current and critical health care issues facing the community locally, nationally, and abroad. Presents historical coverage of medical issues of the 20th century as a means of understanding contemporary issues.

**HMCD 327 – Introduction to Global Health Issues**
Overview of the complex health problems and challenges facing low and middle income countries which experience the highest rates of global morbidity and mortality. Addresses strategies to improve the health status of these vulnerable populations; to appreciate how social, behavioral, economic and environmental factors influence the health of the population; and to implement techniques to prevent premature death and disability. Course content assists the learner by developing a broad view of global health problems and solutions.

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HMCD 328 – Introduction to Alternative and Complementary Medicine
A fundamental and basic knowledge of medical therapies that are alternatives to or complementary of traditional Western medicine. Covers naturopathy, traditional Chinese medicine, homeopathy, botanical medicine, massage therapy, chiropractic, and other therapies. Examines research evidence for effectiveness and how these therapeutic approaches may blend with and complement the more traditional clinical approach. Combines didactic presentations with a mix of demonstrations by alternative health care providers, visits by patients, case studies, and small group presentations.

HMCD 413 – Intro to Social and Behavioral Aspects of Public Health
This course is based on the assumption that public health is a multi-disciplinary field aimed at reducing preventable morbidity and premature mortality, and promoting a higher quality of life in populations and groups through health intervention. Although we recognize that biological, physical, and medical care factors contribute to population health outcomes, this course emphasizes the relationship of behaviors as well as social and political structures to health outcomes. The course highlights the importance of both local contexts and global practice for understanding and improving health. A social ecological framework forms the conceptual basis of the course, focusing attention on interactions between four levels of factors: individual, interpersonal, community, and population. The course is designed to encourage an appreciation of the wealth of conceptual and methodological approaches in the social and behavioral sciences that can inform public health practice and research.

HMCD 428 – Health Care Organization
This course covers concepts and issues of management, organization and operation of health care organizations, stressing the unique character of health care delivery organizations. Emphasis is on types of health care organizations, leadership and managerial roles, organizational structure and dynamics, the external environment, quality assessment and improvement, planning and marketing with a focus on synthesizing resources and capabilities to meet organizational goals.

HMCD 478 – Health Economics
This course approaches Health Economics by following the “flow of funds” to describe the incentives and organizational structure of the healthcare system in the United States. We will examine transactions between patients and providers, the role and results of insurance and government involvement and some of the history of our healthcare system. We will also consider national health spending and public health from a macroeconomics perspective.

HMCD 616—Environmental Health
This course introduces students to the importance of the environment to human health by examining the causes and controls of major environmental health problems. Course topics are structured around the things we do as individuals and societies that result in environmental health hazards including energy production, industry, food production, and the modern lifestyle as viewed through both a local and global lens. Special emphasis will be placed on environmental risk factors to susceptible populations and how they translate into public health policy and prevention. Students additionally will learn what they can do to protect and enhance their health.

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and to influence the quality of the environment. The course will include lecture, film, group analysis, and discussion.

**HMCD 621 – Supervisory Management in Health Care Organizations**
A study of supervisory management concepts and techniques that apply to health care organizations and programs. Emphasis is on understanding the health care environment and its various health care settings, the identification of issues facing front-line employees, supervisors and mid-level managers, and the development of administrative and leadership skills necessary to successfully lead health care work teams. Identifies, analyzes and solves problems that clinical department heads, supervisors, and other health related mid-management personnel encounter in their work. The principles of effective management techniques-planning, decision making, organizing, budgeting, time management, leadership, direction, delegation, communication, motivation, discipline, performance appraisal, management of change, teamwork, effective meeting, working with unions, quality improvement, and career development—are covered. Prerequisite: HMCD 310

**HMCD 622 – Human Resources Management in Health Care Organizations**
Intended for clinical health care professionals who have responsibility for managing people in health care organizations. Also intended for health care management students who will have responsibility for managing people in health services organizations. An introduction to the essential theories, components, and issues of human resources management in the health care field. Includes the study of the effectiveness of the human resource management function, employee recruitment, selection, training, performance appraisal, benefits and compensation, employee relations and other relevant legal requirements affecting employment. Covers issues of contemporary relevance for human health services resources departments such as employee health and safety, employee assistance programs, occupational stress and job burnout, violence in the workplace and work/family issues. Students are required to learn and to demonstrate the ability to analyze human resources problems and to present sound solutions. Students are expected to learn and demonstrate effective group working skills as they join small groups and engage in collaboratively solving a number of human resources management problems.

**HMCD 624 – Community Development Methods**
This course builds on the foundations of public health by examining a variety of advanced methods, theories, and skills used for community development. Students will familiarize themselves with the approaches used to assess and improve health outcomes in a community context and will familiarize themselves with how to effectively apply these approaches. The course includes lecture, group and individual projects, fieldwork, and visiting lectures from practicing community development professionals.

**HMCD 625 – Special Topics on Health Services**
This seminar is designed to provide students with the opportunity to explore, in detail, a selected current topic relevant to Health Services Management and Community Development. Students will review current research related to the selected topic, provide weekly presentations, engage in discussion, and produce a term paper. The course additionally will include lecture and guest arrangements from outside the department and the institution.

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HMCD 644 – Program Planning and Evaluation
Program Planning & Evaluation introduces students to the planning, development and evaluation of health programs through the use of lecture, group projects and individual presentations. Students will familiarize themselves with a variety of approaches available in the field of program planning. The course will emphasize the application of this material to the development of a program plan.

HMCD 648 – Concepts of Quality in Health Care
The course addresses the issues of quality assurance in health care institutions and not-for-profit organizations. An overview of the history and current status of quality programs will be presented. The role of quality in organizational strategic management will also be covered. Students will learn the role of quality from theory to application in a broad base of organizational settings.

PHIL 327. Bioethics General education further study course. Examines ethical issues related to health care such as truth-telling to patients, confidentiality, euthanasia, abortion, prenatal obligations, and distribution of health care.

AGE 516 - Age, Work, and Retirement
Examines the basic implications of population aging on work life and retirement opportunities, now and in the future. Explores factors that may place individuals at-risk for economic insecurity as they grow older. Topics covered include the current situation in the United States and other countries, examines the economic status of older Americans, addresses retirement policies in the private sector, social security, and health care issues.

AGE 560 - The Aging Network
An overview of federal, state, and local programs concerned with planning, managing, or direct delivery of services to the older population. Prerequisite: 9 hours of gerontology credit or instructor's consent.

Courses Required Prior to Graduation

HMCD 460 – Health Services Management & Community Development Practicum
Enables students to apply skills and knowledge in an applied setting through a supervised field training experience in a health care setting that complements the student’s interests and career goals. The purpose of the practicum is to enable students to gain practical experience as professionals under conditions conducive to educational development. Students may select, with the consent of the practicum coordinator, an internship in an appropriate health service organization. The practicum requires participation in a broad fieldwork component and completion of a focused project component and a written report of the experience.

Prerequisites: HSMCD Program Pre-Requisites: MP 203 or MP 303; HMCD 310, ECON 321 or STAT 370 or PSY 301 or SOC 501 or CESP 704; COMM 302 or COMM 311 or COMM 313 or COMM 328 or COMM 325 or ENGL 210. HSMCD Program Core Courses: HMCD 325, HMCD 330, HMCD 333, HMCD 342, HMCD 344, HMCD 356. Students must also be admitted to the HSMCD Professional Program.
**HMCD 470 – Capstone Seminar in HSMCD**

This seminar is designed to provide students at or near the end of their program of study, with the opportunity to apply information, from across the curriculum, to a series of multi-faceted issues and problem solving situations germane to professional practice in health services management and community development. Students from both program foci will assess and evaluate issues and concerns which draw on the common core curriculum and on common ethical decision-making situations. Students whose course of study has emphasized health services management will evaluate issues and concerns which integrate the program core with the knowledge and skills specific to a career in health services management. Students whose course of study has emphasized community development will evaluate issues and concerns which integrate the program core with the knowledge and skills specific to a career in health-related community development. *Prerequisites:* HSMCD Program Pre-Requisites: MP 203 or MP 303; HMCD 310, ECON 321 or STAT 370 or PSY 301 or SOC 501 or CESP 704; COMM 302 or COMM 311 or COMM 313 or COMM 328 or COMM 325 or ENGL 210. HSMCD Program Core Courses: HMCD 325, HMCD 330, HMCD 333, HMCD 342, HMCD 344, HMCD 356. *Students must also be admitted to the HSMCD Professional Program.*
Public Health Sciences Open Electives

Basic Health Sciences

Upper – Division Course

**HS 331 – Principles of Dietetics and Nutrition**
A study of human dietetic and nutritional needs in the clinical setting. Covers composition and classification of foods, vitamins, and their function; food and public health laws; and nutrition under special conditions. Gives a detail application of dietetic and nutritional knowledge applied to various clinical conditions.

Aging Studies

Undergraduate Lower-Division Courses

**AGE 100 - Introduction to Gerontology**
A multidisciplinary overview of the field of aging, with attention to cultural, social, psychological, biological, and economic factors which influence the circumstances of the older adult.

Undergraduate Upper-Division Courses

**AGE 404 - Psychology of Aging**
Cross-listed as PSY 404. An examination of the issues surrounding the adult aging process. Includes personality and intellectual change, mental health of the older adult, and the psychological issues of extending human life. Emphasizes the strengths of the older adult and prevention of psychological problems of the older adult. Prerequisite: PSY 111.

**AGE 512 - Issues in Minority Aging**
Cross-listed as ETHS 512. Addresses the needs of students interested in (1) providing services to; (2) exploring the "issues" of; (3) becoming familiar with the rights of; (4) learning the legal procedures for resolving specific problems of; and (5) offering practical solutions for the difficulties encountered by ethnic older persons. Prerequisites: ETHS 100, AGE 100, SOC 111 or instructor's consent.

**AGE 513 - Sociology of Aging**
Cross-listed as SOC 513. Analysis of the social dimensions of old age, including changing demographic structure and role changes and their impact on society. Prerequisite: SOC 111.

**AGE 515 - Women and Aging**
Cross-listed as WOM St 580. Introduces students to issues in aging that are unique to women, to women's diverse developmental patterns, and to research methods appropriate for studying aging women and their life experiences. Topics include physical change, role transitions, and adaptation from a lifespan perspective.

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AGE 516 - Age, Work, and Retirement
Examines the basic implications of population aging on work life and retirement opportunities, now and in the future. Explores factors that may place individuals at-risk for economic insecurity as they grow older. Topics covered include the current situation in the United States and other countries, examines the economic status of older Americans, addresses retirement policies in the private sector, social security, and health care issues.

AGE 518 - Biology of Aging
Cross-listed as BIOL 518. An introduction to the phenomenon of aging, including a survey of age-related processes and mechanisms of senescence, emphasizing humans. Students earning graduate credit produce a term paper based on the technical literature on a Prerequisite: a basic course in biology that satisfies the general education requirements.

AGE 520 - Family and Aging
Cross-listed as SOC 520. An analysis of the families and family systems of older people. Emphasizes demographic and historical changes, widowhood, care giving, and intergenerational relationships as these relate to the family life of older people. Prerequisites: AGE 100, SOC 111, or junior standing.

AGE 525 - Death and Dying
This course offers a broad overview of the psychological aspects of death and dying in our society. Topics include attitudes toward and preparation for death; the understanding of and care for terminally ill patients; funeral rituals; burial, mourning and grief practices; suicide and euthanasia. The class involves experiential learning activities such as personal preparation for death and field trips such as visiting a funeral home. These learning activities are designed to help the student be better equipped to help those who must make such preparations for themselves or loved ones.

AGE 527 - Sexuality and Aging
This course will focus on all aspects of sexuality and aging and the issues that arise with respect to sexual behavior as humans’ age. The course will examine human sexuality over the life course, focused on the experiences of those 65 and older and the impact of chronic disease, cognitive decline and physical disabilities on sexual attitudes and behaviors. The course will address key concerns regarding sexuality and aging, including misconceptions about sexuality and aging as well as the problems with sexuality that members of the aging population sometimes face. It also looks at solutions, treatments and techniques that can be applied to help address some of those problems. The course perspective will be interdisciplinary, taking into account the physiological, psychological, interpersonal and social influences which shape our understanding of sexuality in the aged.

AGE 543 - Aging and Public Policy
Cross listed as SOC 543. Seminar-style course explores the impact of an aging population on social institutions, covers the history of American aging policies, the organization and financing of health care for the older adult, and discusses policy analysis as an evaluation tool for comparing public approaches to responding to the needs of an increasingly diverse aging
population. Considers the process of policy formation, identifies key players and interest groups and contrasts political ideologies regarding federal, state and private responsibilities for older people. Emphasizes Social Security, the Older Americans Act, Medicare, and Medicaid as policy examples. Also looks at the potential contributions of the older population to society (volunteer services, provision of family care, etc.) as affecting and affected by policy. Prerequisite: SOC 111 or AGE 100 or junior standing.

**AGE 550 - Selected Topics in Gerontology**
Study in a specialized area of gerontology with the focus upon preprofessional programs and current issues in the field of aging. Emphasizing knowledge and skills in applied areas of gerontology as they relate to an emerging area of research and application. Repeatable up to 6 hours. Prerequisite: instructor's consent.

**AGE 750 - Workshop in Gerontology**
Provides specialized instruction, using a variable format in a gerontologically relevant subject. Repeatable for credit.

**AGE 780 - Physical Dimensions of Aging**
This course is designed to assist the student in developing an understanding of the complex physiological changes that accompany advancing age and the effects of physical activity on these factors. In addition, the student will develop an appreciation for how functional consequences affect mental and social dimensions of life. Attention will be given to sensory, motor, cognitive, and psychological changes. Special emphasis will be placed on factors associated with the preparation, implementation and evaluation of research projects involving older adult populations.