HEALTH SERVICES

Department Overview

Health care is one of the most rapidly growing career fields in the United States. Aging baby boomers, new medical technology and interest in maintaining healthy lifestyles created demand for committed and compassionate professionals with a strong understanding of the bio psychosocial aspects of health and wellness. The B.S. in Interdisciplinary Health Services (IHS) prepares students for health care positions in hospitals, public health departments, human service agencies, clinical research and the healthcare industry. The majority of IHS graduates proceed to clinical or graduate school to study allied health fields, such as nursing, physical therapy, occupational therapy, speech therapy, physician assistants, pharmacy, or public health. Of the graduates who seek employment immediately after graduation, 61% work in health/ medicine/biotechnology, 17% in human and community service, 11% in insurance and 11% in education or government. Careers include health administrators, managed care analysts, health educators, program coordinators, patient representatives, and patient care technicians.

The IHS program offers comprehensive education in the natural sciences, public health, health care systems, and social sciences. Students are introduced to a broad array of medical issues such as heart disease, diabetes, stroke, addictions, injuries, violence, autism, and adverse childhood experiences. Courses address the socio-cultural influences of health, health behaviors, health care systems, legal and ethical concerns, nutrition, mental health, integrative medicine, epidemiology and health promotion. The IHS major provides flexibility so that students may tailor coursework based upon interests and career goals. The health services faculty represent many years of experience in health care and are able to guide students in developing their own unique career paths. Students are encouraged to complete prerequisites needed for graduate programs, study abroad or minor in biology, chemistry, psychology, sociology or business. Consistent with our Jesuit mission of cura personalis and social justice, the department encourages majors to learn inside and outside of the classroom. Volunteering with local service agencies interning in a local hospital, or participating in summer scholars, allows students to experience different healthcare careers and to build professional portfolios. The Department models interdisciplinary, collaborative approaches, encouraging students learn to partner with patients, family members, community organizations and colleagues in other disciplines to face the challenges of emerging and re-emerging diseases.

Mission Statement

Consistent with our Jesuit roots and Ignatian goals of education, the graduate programs in Health Services are built on a liberal arts foundation with an emphasis on ethics, social justice, and professional competency. By enhancing skills in verbal communication, writing, critical thinking, quantitative analysis, globalization, and diversity, health services graduate programs prepare graduates to confront current and emerging issues in healthcare.

Professor: M. Michelle Rowe, Ph.D.
Assistant: Anne Fetherston, Ph.D., BCBA-D; Eileen L. Sullivan, Pharm.D.; Thomas Robert Martin, PhD
Instructor: Elizabeth B. Fong

Chair: Michelle Rowe, Ph.D.
HAD 200 Health Care Law & Ethics (3 credits)
An overview of the legal and ethical issues central to the health care delivery system and their impact on individual institutions and professionals. The relationships among biomedical and research technology, societal changes, court rulings, and governmental legislation within the context of the health care system will be examined.
Prerequisite: HAD 101.
Restrictions: Enrollment is limited to PLS/HDC level students.
Attributes: Undergraduate

HAD 210 Plan & Mktg Health Care Org (3 credits)
An introduction to general strategic planning and marketing for health care systems with particular emphasis on the evolution from a provider-controlled environment to a consumer market. Review of key factors such as rising costs, increasing competition, legislation/regulation, technological advancements, and increased consumer sophistication.
Attributes: Undergraduate

HAD 220 Health Policy (3 credits)
An overview of how health care policy is enacted in the U.S. Analysis of how the expansion of government programs and regulations since 1965 have influenced health care delivery. Emphasis will be placed on current policy questions and important health care policy debates.
Prerequisites: HAD 2605 or (HAD 100 or HAD 101)
Attributes: Undergraduate

HAD 301 Health Info Mgmt Systems (3 credits)
A critical skill for health administrators is to be able to gather, organize, analyze and safely store important health information. This course provides an overview of healthcare information management and applications within healthcare organizations. Pre-requisite: HAD 101
Restrictions: Enrollment is limited to PLS/HDC level students.

HAD 310 Seminar in Hlth Administration (3 credits)
Taken with the Practicum, this course is the capstone for integration between theory and practice of health administration. Each student will be responsible for the preparation of a research paper on a topic in health administration. Topics of emphasis will include health services research, administration in health settings, organizational development, human resource development, and current issues relevant to student field practicums. Students must have permission before enrolling.
Prerequisite: HAD 101, 110, 120, 200, 210, and 220.
Prerequisites: (HAD 101 and (HAD 110 and (HAD 200 and (HAD 120 or HAD 210 or HAD 220
Restrictions: Enrollment is limited to PLS/HDC level students.
Attributes: Undergraduate

HAD 346 Admin Health Organization (3 credits)
Restrictions: Enrollment is limited to Graduate level students.

HAD 551 Managed Health Care (3 credits)
HAD 552 Health Administration (3 credits)
An introduction to the principles of administration within health and human services organizations and the basic concepts of leadership and organizational theories relevant to effective administration of healthcare institutions. Organizations are viewed as open systems requiring constant interactions with the environment. Considerable emphasis is placed on quality improvement and organizational change.
Restrictions: Enrollment is limited to Graduate level students.

HAD 553 Health Care Organization (3 credits)
An overview of the organization, structure, and financing of the healthcare delivery system in the United States. The various elements comprising the system will be presented, along with an exploration of the basic concepts and measures of health, disease, needs, quality, and utilization. Issues in healthcare resourcing, institutions, and system organization will be examined.
Restrictions: Enrollment is limited to Graduate level students.

HAD 554 Health Care Law (3 credits)
An examination of the major legal issues encountered in the health care field by administrators and practitioners. Among the topics to be included are principles of liability, legal aspects of medical ethics, and legislative and regulatory factors in health care delivery.
Restrictions: Enrollment is limited to Graduate level students.

HAD 555 Acc for Health Care Organiztions (3 credits)
An introduction to basic accounting techniques used in the healthcare industry. Prerequisites: three core courses – HAD 552, HAD 553, HAD 600, HAD 550, or HSV 550.
Restrictions: Enrollment is limited to Graduate level students.

HAD 556 Fin Manag of Health Care Org. (3 credits)
An introduction to the basic theories and practices of financial management as they relate to healthcare organizations. Course includes budgeting principles. Prerequisites: HAD 552, HAD 553, HAD 600, HAD 550, and HSV 551.
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Restrictions: Enrollment is limited to Graduate level students.

HAD 557 Health Care Strat Plan & Mktg (3 credits)
An introductory course that examines the foundations, principles, and basic applications of this field. Internal and external forces that shape marketing policies and planning are explored. Topics include the development of marketing strategies and programs, as well as marketing mix variables and general healthcare planning. Prerequisites: HAD 552, HAD 553, HAD 600, HAD 550, and HSV 551.
Restrictions: Enrollment is limited to Graduate level students.

HAD 558 Hospital Administration (3 credits)
In depth study of hospital operations with emphasis on not-for profit/nonprofit settings; focus on departmental operations, role of administration, the board, and medical staff. Includes legal and reform trends affecting hospitals, financial mechanisms, budgeting, labor relations and corporate restructuring. Prerequisites: HAD 552, HAD 553, HAD 600, HAD 550, and HSV 551.
Restrictions: Enrollment is limited to Graduate level students.

HAD 559 Health Policy (3 credits)
The formulation and analysis of health policy at federal, state, local, and corporate levels. This course presents an overview of the legislative, regulatory, and political processes and their effect on the health care system. This course will provide a conceptual and analytic framework for biotechnical policy analysis regarding policy formulation, adoption, implementation, operation, evaluation, and termination. Pragmatic application of policy analysis tools is included.
Restrictions: Enrollment is limited to Graduate level students.

HAD 560 Health Care Informatics (3 credits)
A survey of the current use of information technology in the clinical and management practice for the healthcare delivery enterprise. Students will become familiar with the basic terminology, strategies, and utilization of IT as a key component in the delivery of patient care. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, and HSV 551.
Restrictions: Enrollment is limited to Graduate level students.
HAD 561 Health Care and the Internet (3 credits)
Examination of the specific roles that internet technology plays in healthcare. Observations and trends that play a significant role in improving the quality of healthcare delivery will be discussed. Various components such as intranets, extranets, knowledge management and web design concepts will be explored.
Restrictions: Enrollment is limited to Graduate level students.

HAD 562 Hlth Info Mgt Sys Data & Infra (3 credits)
Analysis and case study of IT networks, internets, data interchange, data access, and data management. Prerequisite: for Healthcare Informatics students only and HAD 560 is preferred.

HAD 563 Hlth Info Mgt Syst Appl (3 credits)
Case study of the foundation and incorporation of the critical IT applications in the modern healthcare delivery enterprise. Specific applications will be explored with an emphasis placed on the practice of Managed Care. Note: This course is available for Healthcare Informatics students only. It is preferred that students have taken both HAD 560 and HAD 562 before taking this course.

HAD 564 Computer-Based Patient Record (3 credits)
An in-depth analysis of the Institute of Medicine's (IOM) standards, requirements, attributes, and benefits of the CPR and its use in the healthcare delivery enterprise. The use of data warehouses, data repositories, and integration technology will be explored relevant to CPR development along with the various issues and strategies for implementation.

HAD 565 Decision Support & Data Analy (3 credits)

HAD 566 Hlth Info Syst Mngt (3 credits)

HAD 567 Leadership, Strat & Plan HIMS (3 credits)

HAD 570 Psyc Aspects Chrnc Ill & Disb (3 credits)
A survey of psychological, social, and behavioral theories and principles as they relate to the experiences of chronic illness and disability. The course will emphasize the impact of these experiences on the patient in terms of motivation and life satisfaction, restructuring social support systems, and changes in psychosocial/developmental needs. Attention will be given to the changing role of the health professional as direct care provider, manager, consultant, and advocate. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, and HSV 551.
Restrictions: Enrollment is limited to Graduate level students.

HAD 600 Ethics of Health Care (3 credits)
A critical examination of the central ethical issues in the healthcare field. Issues to be treated include euthanasia, life-prolonging medical technologies, abortion, screening for genetic defects, experimentation and informed consent, distribution of scarce medical resources, the right to healthcare, and its implications for the healthcare delivery system. Necessary background in moral philosophy will be provided.
Restrictions: Enrollment is limited to Graduate level students.

HAD 601 Fieldwork in Health Admin (3 credits)
Students who have a GPA of 3.5 or higher may pursue experiential learning through fieldwork or internship in an approved healthcare facility or nonprofit organization. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, HSV 551 plus one administrative course (either HSV 554, HAD 555, HAD 556 or HAD 560).
Prerequisites: HAD 552 or HAD 553 or HAD 600 or HSV 550 or HSV 551 or HAD 554 or HAD 555 or HAD 556 or HAD 560
Restrictions: Enrollment is limited to Graduate level students.

HAD 602 Directed Resrch in Health Serv (3 credits)
The Health Services Department provides opportunities for selected students to conduct independent research under the supervision of department faculty. Students desiring to participate in Directed Research must identify and meet with a faculty mentor, submit a formal research proposal with proposed timeline for completion, and obtain approval for the project from the faculty mentor, program director, department chair and associate dean. Prerequisites: HAD 552, HAD 553, HAD 600, HSV 550, HSV 551 plus one administrative course (either HSV 554, HAD 555, HAD 556 or HAD 560).
Restrictions: Enrollment is limited to Graduate level students.

Health Education

HED 551 Map Hlth Res, Pln, Pol Dev&Mkt (3 credits)
Based on the ARCVIEW Geographic Information Systems (GIS), this course is a practical introduction to the use of computer mapping and spatial analysis. The course uses the most current GIS technology to understand the environment and how it impacts public health. There is a large computer lab component to the course.
Restrictions: Enrollment is limited to Graduate level students.

HED 552 Epidemiology and Com Health (3 credits)
An introductory course exploring the basic concepts of epidemiology as a public health science, including rates and ratios, risk and association, causation and investigation of outbreak.
Restrictions: Enrollment is limited to Graduate level students.

HED 553 Program Planning for Wellness (3 credits)
A foundation course in the development of health education programs for hospitals, work sites, community, and schools. Discusses models for health behavior, assessment of health education needs, design and implementation of interventions, program marketing, and evaluation of efficacy.
Restrictions: Enrollment is limited to Graduate level students.

HED 554 Curric Strat for Hlth Educatrs (3 credits)
Techniques combining the cognitive, affective, and psychomotor domains in individual and group learning are discussed. Leading models for curriculum development and implementation are emphasized. Mechanics for construction of goals, curriculum design, objective writing, and learning behaviors are stressed. Models for evaluation and needs analysis are examined. The role of the trainer in the organization is also explored, along with strategies for maximizing one's position in the organization. Ethical, legal, and moral questions arising in the health education arena are examined. Prerequisite: HED 553
Restrictions: Enrollment is limited to Graduate level students.

HED 560 Bio-Psycho Char:Aging American (3 credits)
Areas of study include theories of aging, bio-psychosocial/spiritual characteristics of older people, family systems and non-systems, resources, policy, legislation, and activism.
Restrictions: Enrollment is limited to Graduate level students.

HED 561 Human Sexuality (3 credits)
Content provides sexual awareness and personal growth in the area of interpersonal sexuality. Through participation in a variety of class activities, students increase comfort level in communicating about sexual attitudes, feelings, and behaviors. Sexually transmitted infections, reproductive inefficiencies, and cultural issues are discussed.
Restrictions: Enrollment is limited to Graduate level students.
HED 562 Health Care of Children in Commun (3 credits)
HED 563 Behvrl Hlth of Childrn & Youth (3 credits)
HED 571 Employee Asst & Occup Health (3 credits)
An overview course designed to provide the knowledge and skills necessary to help organize, develop, manage, and evaluate employee assistance programs. Emphasis is placed on the positive role of health promotion as a preventive tool. Course explores the role of addictions, family, financial, and legal issues in the life of the impaired employee or student and codependent.
*Restrictions*: Enrollment is limited to Graduate level students.

HED 572 Concepts of Mental Health (3 credits)
Basic concepts of mental health and illness. A range of theories and psychotherapies, and psychological aspects of health, illness, and addiction are studied.
*Restrictions*: Enrollment is limited to Graduate level students.

HED 573 Women and Health Care (3 credits)
Inquiry into the health needs of women and their treatment by the health care system. Study includes history, role of women as healers, epidemiology, access to and utilization of health care services, health research, and legislation affecting women's health issues.
*Restrictions*: Enrollment is limited to Graduate level students.

HED 574 Concepts of Nutrition & Health (3 credits)
A comprehensive examination of the principles of good nutrition during the life cycle. Emphasis is placed on practical applications, including the use of food composition theory to evaluate food intakes, regional, cultural, and religious influences on food habits, fads, preventive health promotion, and health restoration through health education.
*Restrictions*: Enrollment is limited to Graduate level students.

HED 575 Stress and Crisis Management (3 credits)
Study of health problems related to stress and exploration of methods to reduce the impact of stressors to improve bio-psychosocial health. Demonstrates how to identify, isolate, and manage a crisis and how to foresee future crises, as well as how to develop contingency plans. Physiology of stress, relaxation, biofeedback, fear control, and cognitive reacting are skills studied in relation to stress management.
*Restrictions*: Enrollment is limited to Graduate level students.

HED 576 Addictions (3 credits)
The study of the nature, causes, and intervention of substance abuse. Historical and sociocultural trends are evaluated in view of current addiction theories. Emphasis is placed upon the relation of addiction to family and work environments, as well as the development of alternate lifestyles.
*Restrictions*: Enrollment is limited to Graduate level students.

HED 577 Health Education in HIV/AIDS (3 credits)
The retrovirus of AIDS, the people, and the society it infects are the center upon which this course is based. Current public health policy, ethics, and politics of AIDS are examined. Emphasis is placed on skill-building in health education, counseling, and referrals for persons with AIDS, their families, and those individuals who test positive. The school and corporate sectors are explored, as well as high risk groups and global AIDS.
*Restrictions*: Enrollment is limited to Graduate level students.

HED 578 Experiential Counseling (3 credits)
Theories and applications of counseling. Conceptual emphasis on the "here and now" phenomenologic theory. Psychodrama is stressed. Ethics, risk reduction, and the biopsychosocial/spiritual impactors on both the counselor and the client are integral.
*Restrictions*: Enrollment is limited to Graduate level students.

HED 579 Principles of Administration (3 credits)
This course will provide an introduction to behavioral health issues related to children and adolescents. Problems, risk factors, diagnosis and treatment will be considered in the context of developmental theory.
*Restrictions*: Enrollment is limited to Graduate level students.

HED 580 Leadership Principles (3 credits)
An introductory course to acquaint the learner with needs and roles in supervisory activity. Management styles, functions, and analyses, as well as behavioral theory, are evaluated. Planning and decision-making, dealing with the change process, motivation, coaching and counseling techniques, performance appraisal, and control are examined.

HED 581 Physical Assessment:Nurse Anes (3 credits)
HED 582 Pharm Prin Nurse Anesthesia (3 credits)
HED 600 Dir Research in Hlth Ed (3 credits)
An opportunity to conduct a research project under the supervision of a faculty member. Note: students may register for a directed research study only after (a) submitting a research proposal to the program director; (b) arranging for a faculty member to serve as mentor; and (c) receiving explicit approval from the department chair.

HED 601 Fieldwork in Health Education (3 credits)
Individually arranged fieldwork in approved health education environment. Students need permission of the program director before registering. The program is designed to meet individual professional goals and may only be taken once during a student's completions of this degree program. All five core courses must be taken prior to enrolling in this course.

HED 650 School Nurse Practicum (3 credits)
HED 651 School Nurse Practicum (3 credits)
HED 770 Special Topics in Hlth Educatn (3 credits)
The learning objectives of this course will be geared toward a specific topic of current interest in the field of health education. The specific topics and perquisites will be announced in the course schedule.
*Restrictions*: Enrollment is limited to Graduate level students.

Health Services

HSV 550 Health Services Research (3 credits)
Explores the history of health research, basic principles and types of research in order that health professionals will be able to critically evaluate research in their respective fields. This course is a combination of lecture, discussion and experiential learning designed to instill a critical understanding of the research process for application to clinical practice.
*Restrictions*: Enrollment is limited to Graduate level students.

HSV 551 Managed Health Care (3 credits)
This course is an introduction to managed care including current and evolving models, terminology, and differences among insurers and payer types. The course will focus on the use of financial incentives to restrain healthcare costs and the role of utilization review, peer review, provider.
*Restrictions*: Enrollment is limited to Graduate level students.
HSV 700 Integ Capstone Crs in Hlth Serv (3 credits)
An integrative capstone course in which the student is expected to integrate and synthesize prior course work and to demonstrate competence in health services through the analysis of complex cases in health services delivery and management and the development of a case of his/her own based on experience and observation. Integrative Capstone should be the final course in the curriculum. Prerequisites: HAD 552, HAD 553, HAD 555, HAD 556, HAD 560, HAD 600, HSV 550, HSV 551, and HSV 554

Prerequisites: HAD 552 and HAD 553 and HAD 555 and HAD 556 and HAD 560 and HAD 600 and HSV 550 and HSV 551

Restrictions: Enrollment is limited to Graduate level students.