**Health Science - Interdisciplinary (HLTH)**

**HLTH 1010. From the Community to the Intensive Care Unit: Approaching Interdisciplinary Research in the Elderly. 1 Hour.** Exposes students to the current interdisciplinary research activities of Bouvé faculty from several professions (e.g., pharmacy, nursing, physical therapy, and counseling psychology) focused on improving the health of the elderly. The dramatic increase in the proportion of Americans who are elderly provides healthcare professionals with a golden opportunity to improve the health outcome of this population through interdisciplinary research efforts. Uses a seminar-discussion format designed to help increase the awareness among students of the importance of clinical research in the elderly and the unique role that different healthcare professionals can play in leading interdisciplinary research teams across a spectrum of different clinical settings.

**HLTH 1200. Basic Skills for the Healthcare Professional. 2 Hours.** Introduces health science students to the basic skills necessary to be successful in entry-level healthcare positions. These skills include: Basic Life Support, safe patient handling, vital signs, oxygen transport and safety, and EKG prep and placement. Also covers basic medical terminology, appropriate professional behaviors, and communication skills.

**HLTH 1201. Lab for HLTH 1200. 1 Hour.** Accompanies HLTH 1200. Provides students with hands-on opportunities to learn skills in Basic Life Support, safe patient handling, determining vital signs, oxygen transport and safety, EKG prep and placement, and related clinical skills.

**HLTH 1510. Introduction to Healthcare Ethics. 4 Hours.** Explores ethical issues in contemporary healthcare. Introduces theories and applies frameworks for analyzing and deciding ethical dilemmas. Considers biomedical, clinical, social, and legal issues related to ethical issues and integrates such considerations into ethical decision making. Offers students an opportunity to explore ethical issues and experiences of individual interest to assist in clarifying professional values and ethics.

**HLTH 1555. Special Topics in Healthcare. 4 Hours.** Offers an introductory-level study of contemporary issues in healthcare. Draws upon a variety of perspectives. Offers students an opportunity to expand their breadth of knowledge and to facilitate their understanding of various themes grounded in a particular area of healthcare. May be repeated once.

**HLTH 2000. Foundations of Coordinated Patient Care. 2 Hours.** Introduces the opportunities and challenges of interprofessional collaborative practice in healthcare. Sessions focus on the dynamics of interprofessional teams and teamwork, values and ethics, communication, and roles and responsibilities in influencing patient care. Interprofessional collaborative practice is an important mechanism for improving patient outcomes.

**HLTH 2200. Emergency Medical Technician Training. 6 Hours.** Offers students an opportunity to learn basic healthcare clinical skills and seeks to prepare students to function as emergency medical technicians (EMTs) at the basic life support level. EMTs are an essential component of prehospital emergency medical service (EMS) systems. This course seeks to establish a solid foundation in EMS, broadly including patient assessments, medical emergencies, trauma emergencies, relevant pharmacology, special populations, and EMS operations.

**HLTH 2240. Human Development. 2 Hours.** Studies typical development and maturation from intrauterine life through old age (senescence). Considers the interaction of body system development and growth on acquisition of and changes in typical skill development. Students are encouraged to apply developmental concepts to case studies and hypothetical clinical situations. Particular attention is paid to infant, childhood, and early adult development as a foundation to the changes that occur later in adulthood and senescence. Addresses physical assessment of the infant and child. Students who do not meet course prerequisites may seek permission of instructor; physical therapy students should have completed PSYC 3404.

**HLTH 2302. Alternative Medicine. 4 Hours.** Presents an objective assessment and discussion of alternative and complementary medical approaches used in the United States and their significant historical, cultural, and cross-cultural implications. The majority of alternative and complementary medical strategies were developed in a specific historical and cultural context. Some of the therapies have had an impact on human health for thousands of years. Others have become popular only recently. Many methods discussed are fused with different cultural practices, such as the concept of “vitalism,” a force that modern science does not recognize but is an important attribute in certain cultural practices. Some methods have long and successful histories based upon sophisticated ancient medical theories, such as “Chi,” found in Chinese medicine.

**HLTH 2655. Special Topics in Healthcare. 4 Hours.** Offers an intermediate-level study of contemporary issues in healthcare. Draws upon a variety of perspectives. Offers students an opportunity to expand their breadth of knowledge and to facilitate their understanding of various themes grounded in a particular area of healthcare. May be repeated once.

**HLTH 4525. Community Service Learning. 3 Hours.** Addresses topics of public policy, advocacy, and cultural diversity within the context of physical therapy and the populations it serves. Combines class discussion regarding these topics with service to community partners and local underserved populations, such as the urban poor, elderly, children, and minorities. Students perform one to two hours of approved volunteer community service per week. May be taken in place of PT 5227.

**HLTH 4526. Community Service Learning 2. 3 Hours.** Students not continuing from HLTH 4525 have the option to join an existing project or begin a project at a new site, selected with the assistance of an instructor. Students continue with the service learning projects developed in HLTH 4525, adding health-promotion material and critically applying information from the previous course to develop a decision memo addressing a public or social issue relevant to their project site. Students perform one to two hours of approved volunteer community service per week.

**HLTH 4992. Directed Study. 1-4 Hours.** Offers independent work under the direction of members of the department on a chosen topic. Course content depends on instructor. May be repeated without limit.

**HLTH 4993. Independent Study. 1-4 Hours.** Offers independent work under the direction of members of the department on a chosen topic. Course content depends on instructor. May be repeated without limit.
HLTH 5000. Research. 4 Hours.
Offers an opportunity to conduct research under faculty supervision.

HLTH 5001. Recitation for HLTH 5000. 0 Hours.
Provides small-group discussion format to cover material in HLTH 5000.

HLTH 5002. Mindfulness: Theory and Practice. 3 Hours.
Studies key aspects of theory and practical principles of mindfulness practice. Mindfulness is a particular way of paying attention to experiences that has been scientifically researched and found to decrease habitual and destructive cycles of thought and emotion. This course is highly experiential and daily homework practice consists of at least 20 minutes of mindfulness practice. Instructions for the various practices are provided throughout the course. Each class typically includes a didactic portion, a mindfulness practice, and a group discussion. The benefits of mindfulness practice include reduced stress, improved attention, reduced emotional reactivity, and greater mind-body awareness. Offers students an opportunity to develop practical skills of relational mindfulness in interactions with others and to cultivate positive emotions.

HLTH 5005. Introduction to Health and Aging. 3 Hours.
Offers students an opportunity to obtain core knowledge of health and aging from an interprofessional perspective. Using current literature and research, this course integrates the sociological, legal, psychological, physical, cognitive-communicative, and sensory (e.g., auditory) aspects of aging in multicultural, political, and economic ecological contexts.

HLTH 5010. Health and Aging: Special Considerations. 3 Hours.
Uses the World Health Organization’s International Classification of Functioning, Disability, and Health to continue with the themes introduced in HLTH 5005. Focuses in greater depth on health and aging from typical and atypical perspectives. Using current literature and research, this course integrates the sociological, legal, psychological, physical, cognitive-communicative, and sensory aspects of aging in multicultural, political, and economic ecological contexts.

HLTH 5015. Health Assessment in Older Adults. 3 Hours.
Offers an overview of health assessment in older adults by encompassing physical, psychosocial, cognitive-communicative, sensory, and emotional health domains. It is important to consider each of these domains and how they contribute to the individual’s overall functioning and quality of life. Geriatric health assessment assists in identifying health-related problems, coordinating care, determining need for long-term care, developing treatment plans, and evaluating optimal use of healthcare resources.

HLTH 5020. Seminar and Capstone Project: Contemporary Issues in Aging. 3 Hours.
Offers students an opportunity to integrate the material from HLTH 5005, HLTH 5010, and HLTH 5015 into their areas of particular interest and discipline specialty—to integrate the mental, spiritual, physical, cognitive-communicative, multicultural context, and sensory (e.g., auditory) aspects of aging into current theory, research, and application.

HLTH 5101. Professional Development for Bouvé Graduate Co-op. 1 Hour.
Introduces graduate students to the Bouvé Cooperative Education Program and provides them with the opportunity to develop job-search and career-management skills. Offers students an opportunity to perform assessments of their workplace skills, interests, and values and to discuss how they impact personal career decisions. Students also have an opportunity to prepare a professional-style resume, learn proper interviewing techniques, and gain an understanding of the opportunities available to them for co-op. Introduces career paths, choices, and career decision making. Seeks to familiarize students with workplace issues relative to their field of study and to teach them to use myNEU COOL database in the job-search and referral process. Presents and discusses co-op policies, procedures, and expectations of the Bouvé Cooperative Education Program and co-op employers.

HLTH 5105. Introduction to Early Intervention. 3,4 Hours.
Introduces students to the field of early intervention. Covers the principles of early intervention, including the interdisciplinary nature of the services to infants and toddlers with disabilities and their families and the team formats in which services are provided. Students are also introduced to the Massachusetts EI (early intervention) standards, eligibility criteria, and the legislation that underlies EI services. Uses a case-based approach, with role-play, to explore some aspects of the developmental approach to assessment and intervention. Taught by a number of faculty from different disciplines on the early intervention team and open to all students in the Bouvé College of Health Sciences.

HLTH 5135. Developing an Interdisciplinary Approach to Health Management for Older Adults. 4 Hours.
Focuses on health management for older adults, a major issue in contemporary society. Policy, economics, organizational structure, and clinical care are intermingled in responding on societal, institutional, and clinical levels. Challenges the inquisitive and creative student to approach the health of the older adult by addressing these complex issues. Focuses on effective outcomes and understanding the range of roles professionals may adopt. Provides the knowledge base and skill set necessary for interdisciplinary professional practice. Contact the course coordinator at least one month prior to the start of the course for admission.

HLTH 5160. Psychosocial Considerations for Healthcare Professionals. 3 Hours.
Examines interpersonal relationships among patients, families, health professionals, and society, with reference to the impact of and reaction to illness and disability. Students explore the role and impact of self-awareness on the dynamics of healthcare interactions. Methodologies are utilized to demonstrate the roles of the various health professions and importance of interdisciplinary collaboration to maximize patient/client outcomes in this interdisciplinary course.

HLTH 5174. Psychosocial Management. 2 Hours.
Examines the diverse and cultural variations on patients’/clients’ responses to disability and illness. Offers students the opportunity to reflect on the provider’s behavior in relation to clients’ behaviors.

HLTH 5280. The (in)Visibility of (dis)Ability in Society. 3,4 Hours.
Addresses the issues of disability relative to culture, public policy, rights, and advocacy. Focuses class discussion on the experiences of people with disabilities living in our current society as well as from a historical perspective. Explores the following topics: who is disabled, social attitudes toward people with disabilities, and images and stigma in the media. Also covers the language of disability, disability culture, and the forgotten minority. Agours students an opportunity to gain a broad understanding of the complex and dynamic issues and themes concerning people with disabilities.
HLTH 5450. Healthcare Research. 4 Hours.
Provides an overview of the research process and its application in clinical arenas. Emphasizes the role of the health professional as a consumer of research, with concern for the ethical management and treatment of patients and their families. Elements of research design and their implications in clinical settings provide the framework for the analysis of research and the development of a research proposal. Also emphasizes the use of research findings for evidence-based practice. Encourages interdisciplinary projects.

HLTH 5451. Recitation for HLTH 5450. 0 Hours.
Provides small-group discussion format to cover material in HLTH 5450.

HLTH 5555. Special Topics in Healthcare. 1-4 Hours.
Offers an advanced-level study of contemporary issues in healthcare. Draws upon a variety of perspectives. Offers students an opportunity to expand their breadth of knowledge and to facilitate their understanding of various themes grounded in a particular area of healthcare. May be repeated up to five times for up to 6 total credits.

HLTH 5984. Research. 1-4 Hours.
Offers an opportunity to conduct research under faculty supervision. May be repeated without limit.

HLTH 6243. Aging and Illness. 3 Hours.
Focuses on the distinction between normal aging and disease. Covers age-related physiological/pathophysiological changes at the level of the individual, organ system, organ, tissue, and cell. Includes a consideration of the lexicon of aging, major biological theories of aging, as well as alteration of physiological parameters in aging. Emphasis is on disease states commonly encountered in older adults. Also includes psychosocial theories of aging, discussion of “successful aging,” and the physical and psychosocial risks of hospitalization for the elderly. Presents characteristics of the ill older adult including acute confusion. Considers health promotion and levels of disease prevention in the geriatric client. Uses a case-based approach to develop critical-thinking skills related to the pragmatics of care for the elderly who are ill.

HLTH 6335. Health Law. 2 Hours.
This course examines the legal regulation of the provision of healthcare services. Much of the focus is on the relationship between law and healthcare policy. Topics include access to health insurance and healthcare, healthcare financing, malpractice liability, the organization and responsibility of healthcare institutions, especially hospitals, the regulation of the quality of care and the formulation of health policy. This course is highly recommended for all students enrolled in the JD/MPH dual degree program, but is open to others as well.

HLTH 6411. Biotechnology Internship Reflection Seminar. 1 Hour.
Designed to complement learning during or after graduate co-op placement. Students participate in activities to integrate academic learning and experiential learning, including written reflections and weekly reports that do not have to include company confidential information.

HLTH 6512. Problems in Public Health Law. 2 Hours.
This course will explore the rationales for using law to protect and preserve the public’s health, the legal tools that may be used to achieve that end, and the conflicts and problems that may result from legal interventions. Topics discussed will include the use of law to reduce the spread of HIV and other infectious diseases, control of tobacco and other hazardous products, bioterrorism, and the threats TO CIVIL LIBERTIES AND MINORITY GROUPS engendered by all such legal efforts. This course is highly recommended for all students enrolled in the J.D./M.P.H. dual degree program, but is open to other students as well.

HLTH 6600. Current Issues in Health Law and Policy. 2 Hours.
This seminar will examine recent debates in health law and policy through discussion of current events, proposed legislation, and scholarly articles in the legal, medical, and public policy literatures. Weekly topics will depend in part on student interest, but will likely include federal healthcare reform, malpractice liability reform, obesity, health disparities, regulation of pharmaceutical promotion, and other issues related to healthcare access, quality, and financing. Requirements include weekly readings, weekly attendance and participation, a brief presentation of one health law-related current event, a research paper of at least 20 pages on any approved health law-related topic, and an oral presentation of the research paper. Previous health-related coursework or work experience is recommended but not required.

HLTH 6606. Drug Law and Policy. 2 Hours.
The field of Drug Law is vast, spanning the discovery, manufacture, distribution, and consumption of chemical agents designed to alter the human condition. This course focuses on three domains of the broader subject: the evolution and current state of the Federal Food, Drug, and Cosmetic Act; the architecture of the drug regulation system in the U.S., including the distinct space occupied by the Food and Drug Administration, the Department of Agriculture, and the Drug Enforcement Agency; and the role of regulation and tort litigation in harmonizing drug policy with science. Designed around legal and policy case studies, this course is intended for students expecting to become involved in clinical practice involving pharmaceuticals as well those generally interested in the interplay of law and public health.

HLTH 6962. Elective. 1-4 Hours.
Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

HLTH 6964. Co-op Work Experience. 0 Hours.
Provides eligible students with an opportunity for work experience. May be repeated without limit.