

Health Science - Interdisciplinary (HLTH)

Search HLTH Courses using FocusSearch (<http://catalog.northeastern.edu/class-search/?subject=HLTH>)

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.

Corequisite(s): HLTH 1201

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.

Corequisite(s): HLTH 1200

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.

Attribute(s): NUpath Ethical Reasoning

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 2001. Introductory Skills for Healthcare and Rehabilitation. (4 Hours)

Designed to provide a basic practical understanding of introductory skills commonly performed in healthcare and rehabilitation settings for patient/client interaction and/or clinical research. Topics include body mechanics, vital signs, cardiopulmonary resuscitation, exercise equipment, assistive device management, hot and cold application, standard precautions, and healthcare communication. Offers students an opportunity to obtain the ability to integrate topics learned with the future of healthcare and rehabilitation, industry, and entrepreneurship of their chosen profession through a final professional reflection assignment.

HLTH 2100. Interprofessional Ethics for Individual and Population Health. (4 Hours)

Provides case reviews and discussion related to basic theories, principles and contemporary issues of bioethics. Secondly, this course is an interprofessional course that covers specific ethical guidelines for various health disciplines from nursing, pharmacy, health sciences, and others. Offers students an opportunity to develop systematic strategies and analytic frameworks for identifying and examining bioethical issues and for resolving bioethical dilemmas and problems. Students have an opportunity to apply their specific discipline's ethics code and work in multidisciplinary groups to apply ethical principles from different perspectives.

Attribute(s): NUpath Ethical Reasoning, NUpath Writing Intensive

HLTH 2120. Introduction to Interprofessional Healthcare Settings. (1 Hour)

Designed to help students recognize the complex and interprofessional roles in allied healthcare settings prior to a co-op or other clinical experience. Comprised of three four-week units focused on different healthcare environments—acute care, long-term care, and outpatient care. Students explore a case study from the viewpoint of multiple healthcare professionals in each setting.

HLTH 2183. Interdisciplinary Special Topics: Pop-up Course. (1-2 Hours)

Addresses timely trends, issues, and events as they unfold. Offers students an opportunity to learn about and respond to issues of the day in an immersive, interdisciplinary, short-course format. Content and instructors vary by offering.

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 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 2992. Research. (0 Hours)

Offers an opportunity to document student contributions to research projects or creative endeavors.

HLTH 3001. The Research Process. (2 Hours)

Explores the processes involved in conducting health-related research from the initial selection of a topic or research area to the written and oral presentation of study results. Offers students an opportunity to obtain the skills required to design and conduct rigorous quantitative research. Students formulate a research question, design an appropriate research approach, prepare an analytic plan, collect or access relevant data, analyze the data, and present and summarize to the class their study and results. Students discuss readings weekly and present elements of their study.

Prerequisite(s): PHTH 2210 with a minimum grade of D- or NRSG 5120 with a minimum grade of D- or MATH 2280 with a minimum grade of D- or ENVR 2500 with a minimum grade of D-

HLTH 4991. Research. (4 Hours)

Offers an opportunity to conduct research under faculty supervision.

Attribute(s): NUpath Integration Experience

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 4998. Research. (0 Hours)

Offers an opportunity to document student contributions to research projects or creative endeavors.

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 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 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. Affords students an opportunity to gain a broad understanding of the complex and dynamic issues and themes concerning people with disabilities.

Attribute(s): NUpath Difference/Diversity

HLTH 5410. Introduction to Statistics in Health and Behavioral Science. (3 Hours)

Introduces basic and intermediate concepts in research methods and quantitative analysis in health and behavioral sciences. Explores foundational considerations in research methodology and acquisition of knowledge in statistical techniques, ranging from descriptive statistics to probability and inference. Offers students an opportunity to state and test hypotheses guiding them through the analysis and interpretation of collected information and to build experience with conducting statistical analysis using common spreadsheet software (e.g., Excel).

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.

Prerequisite(s): ENGL 1111 with a minimum grade of C or ENGL 1102 with a minimum grade of C or ENGW 1111 with a minimum grade of C or ENGW 1102 with a minimum grade of C or graduate program admission

Attribute(s): NUpath Formal/Quant Reasoning, NUpath Natural/Designed World, NUpath Writing Intensive

HLTH 5451. Recitation for HLTH 5450. (0 Hours)

Provides small-group discussion format to cover material in HLTH 5450.

HLTH 5730. Global Perspectives in Disability and Health. (4 Hours)

Addresses the issues of disability relative to culture, public policy, rights, and advocacy. People with disabilities are less likely to receive necessary healthcare and rehabilitation services and, as a consequence, experience poorer health outcomes and mortality. Explores the effects of cultural beliefs, social attitudes, and stigma toward people with disabilities. Evaluates the impact of poverty, sociopolitical conditions, health economics, and resource allocation issues. Analyzes charitable contributions, by human rights and other organizations, to the needs of people with disabilities in underserved areas to identify both desirable and undesirable impacts. This interprofessional course offers students an opportunity to gain a broad understanding of complex and dynamic issues concerning people with disabilities in underserved and globally diverse settings.

HLTH 5963. Topics. (1 Hour)

Offers students an opportunity to learn about timely issues, develop new skills, or explore areas of broad interest in an immersive, short-course format. Content and instructors vary by offering.

HLTH 5964. Projects for Professionals. (0 Hours)

Offers students an applied project setting in which to apply their curricular learning. Working with a sponsor, students refine an applied research topic, perform research, develop recommendations that are shared with a partner sponsor, and create a plan for implementing their recommendations. Seeks to benefit students with a curriculum that supports the development of key business communication skills, project and client management skills, and frameworks for business analysis. Offers students an opportunity to learn from sponsor feedback, review 'lessons learned,' and incorporate suggestions from this review to improve and further develop their career development and professional plan.

HLTH 5965. Engaging with Industry Partners for Rising Professionals. (0 Hours)

Offers students an enhanced applied project setting in which to apply their curricular learning. Working with a partner sponsor, students refine an applied research topic, perform research, develop recommendations that are shared with the partner sponsor, and create a plan for implementing their recommendations. Curriculum supports students as they develop key business communication skills, project and client management skills, and frameworks for business analysis. Offers students an opportunity to learn from sponsor feedback, review lessons learned, and incorporate suggestions to improve and further hone their career development and professional plan. Career development opportunities through skill-building workshops, panels, and interview preparation are available. Partner-student interactions, including a culminating project presentation, allow partners to assess student potential for co-op, internship, or other employment opportunities with the partner.

HLTH 6962. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.