BHS—HEALTH SCIENCES

BOUVÉ COLLEGE OF HEALTH SCIENCES

BHS U100 College: An Introduction 1 SH
Provides an introduction to the University, college, and health professions to enhance students’ understanding of self and the decisions they make academically and socially as members of the University’s diverse, multicultural community. Group activities and individual assignments along with active participation in a learning community help students adjust to life on an urban campus, develop a better understanding of the learning process, acquire essential academic skills, and make connections with the faculty and students in the college. Prereq. Freshman standing in Bouvé College of Health Sciences.

BHS U101 Professional Development for Bouvé Co-op 1 SH
Introduces 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 discuss how they impact personal career decisions. Students also have an opportunity to prepare a professional-style résumé, 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. Familiarizes students with workplace issues relative to their field of study and teaches 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.

BHS U105 Nutrition 4 SH
Explores the fundamental role of nutrition in promoting health and introduces the use of two different diet assessment tools to assist individuals in selecting food for health promotion. Explores the nutrient composition and purposes of the food pyramid guide. Covers the physiological functions of energy-providing nutrients in the body and interrelationships.

BHS U200 Basic Skills for the Health-Care Professional 2 SH
Introduces health science students to the basic skills necessary to be successful in entry-level health-care 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. Coreq. BHS U201.

BHS U201 Lab for BHS U200 1 SH
Accompanies BHS U200. 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. Coreq. BHS U200.

BHS U240 Human Development 2 SH
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. Adresses physical assessment of the infant and child. Prereq. PSY U101 and BIO U119 or permission of instructor; physical therapy students should have completed PSY U404.

BHS U260 The American Health-Care System 4 SH
Introduces students to the health-care system in the role of consumers. Explores basic elements of health care including financing, personal insurance, high-risk status, and patient rights within the context of the U.S. system. Central to this exploration is an analysis of health-care issues requiring informed consent from patients: patient bill of rights, health care directives, and the use of a proxy for decision making. The role and responsibilities of various health care workers are introduced within the framework of an interdisciplinary model of health care.

BHS U261 Comparative Health Care Systems 4 SH
Designed to enable health profession students to develop a basic understanding of health-delivery systems and key issues confronting health care in the United States and in the study country in this study-abroad course. Explores issues such as the affordability of medical care, patient rights, health risks and behaviors, disease prevention, quality and access to care, the growth of managed care and corporate influence on health care, new medical technologies, the aging population, the impact of biotechnology, and trends in employment of health professionals. Incorporates self- and group-reflection exercises, Internet and contemporary media exploration, and in-class discussions. Compares and contrasts key health-care issues in the study country with those in the United States using literature, Internet and contemporary media, observations in the study country, and discussions with guest speakers. Prereq. Permission of instructor.

BHS U300 Communication Skills for the Health Professions 4 SH
Designed to teach students in the health professions to communicate effectively with their patients, colleagues, and other professionals. Covers interpersonal communication with patients and their families, as well as public speaking and presentations, and communicating as a leader. Students are required to make several presentations throughout the semester. Prereq. Sophomore standing or above.
BHS U302 Alternative Medicine 4 SH
Presents an objective discussion of the principles of alternative and complementary medicine. Emphasis is on the theory, treatment, and effectiveness of alternative medicine and its role in modern health care. Also presents the theories of homeopathy and Chinese medicine. Possible physiological and biochemical explanations of the beneficial effects of alternative methods are discussed. Prereq. Sophomore standing or above.

BHS U350 Community and Public Health 4 SH
Provides students with a basic familiarity with and appreciation of public health and community-based methods for improving the health of populations. Explores the purpose and structure of the U.S. public health system, contemporary public health issues such as prevention of communicable diseases, health education, social inequalities in health and health care, public health responses to terrorism, and control of unhealthy behaviors like smoking, drinking, drug abuse, and violence. Prereq. Sophomore standing.

BHS U450 Health-Care Research 4 SH
Provides an overview of the research process and its application in clinical arenas. Special attention is directed to 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. Emphasis is placed on the use of research findings for evidence-based practice. Interdisciplinary projects are strongly encouraged. Coreq. BHS U451. Prereq. Statistics course recommended.

BHS U451 Recitation for BHS U450 0 SH
Provides small-group discussion format to cover material in BHS U450. Coreq. BHS U450.

BHS U505 Early Intervention 4 SH
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. Using a case-based approach, with role-play, explores some aspects of the developmental approach to assessment and intervention. Open to all students in Bouvé College of Health Sciences, and is taught by a number of faculty from different disciplines on the early intervention team. Prereq. Sophomore standing or above.

BHS U509 Health-Care Ethics Abroad 4 SH
Provides students with the opportunity to explore complex ethical issues that arise in clinical practice in the health professions in the United States and study country. Directs particular attention at the concepts of do no harm, quality of life, and conflict resolution. Patients’ rights and the protection of their confidentiality, privacy, and personal prerogatives are central to the course. Analyzes established legal cases to assess the presence of ethical considerations. Explores the role of the health professional in fostering a patient’s autonomy and implementing his or her own domain of professional responsibility in the United States and the study country. Prereq. Permission of instructor.

BHS U510 Health Care Ethics 4 SH
Provides students with the opportunity to explore complex ethical issues that arise in clinical practice in the health professions. Particular attention is directed at the concepts of “do no harm,” quality of life, and conflict resolution. Patients’ rights and the protection of their confidentiality, privacy, and personal prerogatives are central to the course. Established legal cases are explored to assess the presence of ethical considerations. The role of the health professional in fostering a patient’s autonomy and implementing his/her own domain of professional responsibility is explored. Prereq. Junior or senior standing or permission of instructor.

BHS U511 Health-Care Management 4 SH
Provides an opportunity to develop skills and abilities related to management within the context of interdisciplinary study. Students explore issues in health-care management in small-group, case-based educational experiences or problem-solving approaches. Within the context of small groups, students explore complex problems frequently encountered in clinical practice. Group projects related to leadership, management, or administrative issues are pursued and developed as classroom or poster presentations. Prereq. Junior or senior standing in a health sciences major.

BHS U515 Health Policy 4 SH
Involves the development and implementation of health policy in the United States and the implications of these for health care. Specific health policies are examined to assess the process of their development, the contributions they have made to the health of the country, and their current status. Other dimensions of health-care policy are investigated to assess impediments to health policy or continuing problems. Prereq. Permission of instructor.
**BHS U520 Race, Ethnicity, and Health in the United States** 4 SH
Explores the role of economic, social, and individual factors in explaining racial and ethnic health disparities, and examines intervention approaches to eliminate them. Topics include genetic and social constructions of race and ethnicity, measuring race and ethnicity, and differences in prevalence and patterns of disease across groups; cultural and structural factors that affect health-care delivery, such as discrimination, racism, and health status; and health-care delivery and public health approaches to prevention and improving health-care delivery. Class activities include fieldwork. Prereq. Junior or senior standing.

**BHS U525 Community Service Learning** 3 SH
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 PTH U512. Prereq. BHS U450 or permission of instructor.

**BHS U526 Community Service Learning 2** 3 SH
Students not continuing from BHS U525 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 BHS U525, 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. Prereq. BHS U525 or permission of instructor.

**BHS U530 Clinical Nutrition Applications in Health and Disease** 4 SH
Seeks to prepare health professionals to effectively communicate principles of diet and nutrition to their clients and the public. Covers public health promotion strategies, techniques used to teach diet and nutrition, and behavioral theories used in diet and nutrition intervention. Emphasizes clinical applications for the treatment of weight disorders, diabetes, cardiovascular disease, eating disorders, and nutrition in the life cycle. Requires a final paper/project related to students’ practicum, internship, or other clinical setting. Prereq. Senior standing or permission of instructor.

**BHS U532 The (in)Visibility of (dis)Ability in Society** 4 SH
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 an historical perspective. Explores the following topics: who is disabled, social attitudes toward people with disabilities, and images and stigma in the media. 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. Prereq. Two semesters of psychology or permission of instructor.

**BHS U535 Developing an Interdisciplinary Approach to Health Management** 4 SH
Health management for older adults is a major issue in contemporary society. Policy, economics, organizational structure, and clinical care are intermingled in responding on societal, institutional, and clinical levels. This course will challenge the inquisitive and creative student to approach the health of the older adult by addressing these complex issues. It will focus on effective outcomes and understanding the range of roles professionals may adopt. It will provide the knowledge base and skill set necessary for interdisciplinary professional practice. Contact the Course Coordinator at least 1 month prior to the start of the course for admission. Prereq. Permission of instructor, permission of course core faculty, and graduate level standing.

**BHS U540 Health Education and Program Planning** 4 SH
Focuses on underlying concepts of health education and explores current health education issues that require intervention. Covers program planning models and theories used in health education. Offers students an opportunity to develop a working knowledge of the planning process for health education through the analysis of case studies and by creating a program plan to address a health issue of their choice. Provides health science students with preparation for BHS U710, in which they may choose to implement and evaluate their program plan. Prereq. Junior or senior standing.

**BHS U550 Introduction to Epidemiology** 4 SH
Offers an introduction for interested students to the principles, concepts, and methods of population-based epidemiologic research. Seeks to prepare students to understand and critically review epidemiologic studies. The lectures and discussions in this course aim to serve as a foundation for training in epidemiology, quantitative methods, and population-based health research. Prereq. Junior or senior standing.
BHS U560 Psychosocial Considerations  
3 SH  
**for Health-Care Professionals**  
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. Uses methodologies to demonstrate the roles of the various health professions and importance of interdisciplinary collaboration to maximize patient/client outcomes. **Prereq. Clinical experience (co-op or other) or permission of instructor.**

BHS U710 Health Science Capstone  
4 SH  
Provides students with the opportunity to integrate their course work, knowledge, and experiences into a project that results in a written report and presentation regarding an issue within the field of health or health care, a culminating experience in the health science program. May include working with a mentor in a field experience in public health education or health policy, public affairs, social service, or other health-care environment in which the student is qualified, ending with a presentation to the seminar class. Presenting to the agency or group students are working with on their projects may be required. Students may choose to implement and evaluate the plan developed in BHS U540 as their capstone project. **Prereq. BHS U540.**

BHS U921 Directed Study  
1 SH  
BHS U922 Directed Study  
2 SH  
BHS U923 Directed Study  
3 SH  
BHS U924 Directed Study  
4 SH  
Offers independent work under the direction of members of the department on a chosen topic. Course content depends on instructor. **Prereq. Permission of instructor.**

BHS U970 Junior/Senior Honors Project 1  
4 SH  
Focuses on in-depth project in which a student conducts research or produces a product related to the student’s major field. Culminating experience in the University Honors Program. Combined with Junior/Senior Project 2 or college-defined equivalent for 8 credit honors project. **Prereq. Honors program participation.**

BHS U971 Junior/Senior Honors Project 2  
4 SH  
Focuses on second semester of in-depth project in which a student conducts research or produces a product related to the student’s major field. Culminating experience in the University Honors Program. **Prereq. BHS U970 and honors program participation.**