

HLTH - 1013 Essentials of Exercise Physiol, 3.00 Credits

Level: Lower

Gen Ed - Natural Sciences, Liberal Arts and Science

This is an internet-based course intended for both science and non-science majors covering the basic study of exercise physiology. Topics include the role of nutrition in energy-producing pathways and human growth and development; nutritional and common pharmacological aids used to support and enhance exercise and athletic performance; study of metabolic production of energy and its application in the human capacity for work; and study of select body systems and the principles of exercise training with resultant physiological adaptations that could be expected from such training. The course concludes with a study of the role of exercise in the maintenance of health and the prevention of disease.

HLTH - 1101 Intro to Health Sciences, 1.00 Credit

Level: Lower

This course introduces the student to a broad array of health professions and allied health careers related to the field of study of health sciences. In addition to creating awareness of the career possibilities for the health science major, the course will focus on the typical education requirements, career paths and credentialing requirements of various health professionals. Licensure and scope of practice laws will be considered for select professions, along with the regulating bodies and health service agencies that govern them and establish standards of practice. Contemporary topics in health science will be explored including healthcare systems, economics, insurance, research, ethical considerations and other current issues in healthcare. The course will conclude with the student conducting personal career exploration and related educational planning.

HLTH - 1113 Biology of Human Sexuality, 3.00 Credits

Level: Lower

Gen Ed - Natural Sciences, Liberal Arts and Science

This course studying human sexuality approaches the subject from the perspective of health and the discipline of biology, with attention given to the historical and contemporary perspectives concerning the topic. Reproductive anatomy is examined, along with the physiological response of sexual arousal. The events of fertilization, pregnancy and childbirth are studied along with examples of the contraceptives used to prevent it. Puberty and sexual development is considered and the role of biology is examined in the areas of gender, sexuality, attraction and love. The course concludes with an overview of common sexual difficulties, a study of sexually transmitted diseases and defines the act of rape and sexual assault.

HLTH - 1313 Nutrition, 3.00 Credits

Level: Lower

Gen Ed - Natural Sciences, Liberal Arts and Science

This course is intended for both the science and non-science major. Coverage will include the fundamental biochemical aspects of the essential nutrients and their effects when consumed in less than recommended or excessive amounts. These nutritional facts will help answer some of the questions brought forward concerning the relationship between food and heart disease, weight control, preservatives, cancer, athletic performance, vegetarianism, pregnancy and lactation, just to name a few. Beyond these facts will be the understanding of the non-nutrient characteristics of food as related to culture, family and society. Most importantly, this course will present the tools necessary to properly evaluate the purchase and preparation of nutritious foods via personal assessment.

HLTH - 5113 Complementary & Altv Medicine, 3.00 Credits

Prerequisite(s): BIOL 2504 with D or better or BIOL 2214 with D or better

Level: Upper

Liberal Arts and Science

This internet based course involves the study of complementary and alternative medicine most frequently encountered in contemporary western healthcare. The course will investigate specific disciplines of complementary and alternative medicine, their origins, histories, principles, current scientific evidence for or against them, indications and contraindications for their use, and typical clinical outcomes; along with an understanding of how they are integrated in a modern healthcare system.

HLTH - 5203 End of Life Dilemmas, 3.00 Credits

Level: Upper

Liberal Arts and Science

This course is designed to provide the student with thought provoking, informed decision making for end of life care. All people have choices and options about how they will spend their time on earth. It is imperative that these options are thoroughly considered so that individual wishes and desires are planned for and carried out. Complex medical, ethical and legal matters at end of life will be explored. Interventions and therapies such as artificial hydration and nutrition, acute treatment modalities, cardiopulmonary resuscitation, and life support will be examined. Healthcare programs providing end of life care will be investigated, judging cost and quantity of life versus quality of life. Assisted suicide and euthanasia will also be scrutinized and debated.

HLTH - 5223 Info Systems in Healthcare, 3.00 Credits

Level: Upper

An internet based course that examines how health information technology impacts healthcare delivery in all settings. This course explores a historical perspective of information technology through current day and beyond. What are the advantages, challenges, laws and regulations related to information systems? How do information systems impact healthcare? Emerging technologies such as electronic health record (EHR), telehealth and mobile applications are explored. The current healthcare landscape will be investigated to determine how healthcare informatics impacts quality outcome measures and private and governmental reimbursement methodology.

HLTH - 5233 The Culture of Healthcare, 3.00 Credits

Level: Upper

This course implements a two pronged approach to healthcare as an interface between the biology of health and health outcomes. Students will investigate questions on both the health and care of patients from a cultural perspective. Differences in the physiology and genetics of disease regionally in the U.S. and globally in other countries will be discussed as well as cultural differences in the care of patients and their families.

HLTH - 5333 Healthcare Law and Ethics, 3.00 Credits

Prerequisite(s): BUAD 3153 with D or better or TMGT 7153 with D or better

Level: Upper

This course is an introduction to the laws and ethics that affect healthcare decisions, relationships among professionals and patients, and the management aspects of healthcare delivery. It provides students with the knowledge and skills necessary to recognize legal and ethical issues that arise in healthcare practice, to be prepared to evaluate situations that may have legal or ethical implications, to know when to seek legal or ethics committee counsel, and to have an understanding of the implications of healthcare law on their own decision making. By the end of the course, students will have been exposed to many management ideas, theories and applications of healthcare law and ethics. Students will have a working knowledge of pertinent law and ethical procedures and how to apply them in healthcare arena.

HLTH - 5433 Healthcare Marketing, 3.00 Credits

Level: Upper

Applied Learning-Other

This course is designed to provide a fundamental knowledge of the principles of marketing and their particular application in healthcare. The healthcare system poses a variety of marketing challenges due to new laws and policies, fresh innovations, and an increasingly educated health consumer. This course covers the fundamentals of marketing as they are applied across a broad spectrum of healthcare organizations to address these challenges. This course is divided into three key concepts: marketing process, understanding the consumer, and marketing mix. The goal of this course is to provide students with a strong foundation of marketing principals and tools and techniques to develop a marketing plan for any healthcare organization.

HLTH - 5900 Directed Study, 1.00 TO 6.00 Credits

Level: Upper

A student may contract for one to six credit hours of independent study through an arrangement with an instructor who agrees to direct such a study. The student will submit a plan acceptable to the instructor and to the department chairperson. The instructor and student will confer regularly regarding the process of the study.

HLTH - 6113 Diet and Disease, 3.00 Credits

Prerequisite(s): HLTH 1313 with D or better and (BIOL 2504 with D or better or BIOL 2214 with D or better)

Level: Upper

Liberal Arts and Science

This internet based course offers an in depth exploration of the cause and effect relationship between diet and common disease processes. This course will examine nutritional epidemiology, nutritional intervention and the research that substantiates both. The relationship of nutrition to common maladies, such as: obesity, diabetes mellitus and cancer, will be compared. Additionally, specific disease processes will be evaluated from a nutritional perspective, including: neurodegenerative, cardiovascular, gastrointestinal, and bone disease. The course will conclude by determining the nutritional and dietary factors necessary for proper healing and recovery.

HLTH - 8713 Prof Internship Hlth Sciences, 3.00 Credits

Prerequisite(s): BIOL 8823 with C or better

Level: Upper

Applied Learning-Internship

This course is intended for a student in the final year of the Bachelor of Science in Health Science. A student completes a 3-credit hour (120 hour total) internship at an approved off-campus site. The student works under the guidance of a qualified professional, the onsite Internship Site Supervisor, while receiving college consultation from a Faculty Internship Coordinator. The internship is designed for a student to obtain health science-related research or work experience in theoretical and application-based procedures previously studied. The student submits required reports and evaluations. In addition, the student presents oral and written explanations and defense of the information acquired and applied during the internship.