HEALTH SCIENCES (HSC)

HSC 1110 - CPR and First Aid - 0,2 cr.
Explores principles and techniques of cardiopulmonary resuscitation and standard first aid. Training in artificial respiration and artificial circulation by one and two persons, and immediate procedures and standard care for injuries and emergencies are covered. Competency in skills leading to American Red Cross C.P.R. and Standard First Aid Certification.

HSC 1113 - Sexual Violence Dynamics - 2 cr.
This course focuses on understanding the dynamics of sexual violence in all of its forms and the impact on the victims. Through online and on-site activities students will explore how varied oppressions are linked to sexual violence and how culture supports or discourages sexual violence. Students will also learn about the similarities and differences within specific types of sexual violence such as: sexual assault, sexual harassment, child sexual abuse, incest and sexual exploitation. The courses includes developing an understanding of the impact of sexual violence on specific cultures and communities. Students who complete this course of study in combination with Sexual Violence Advocacy and Intervention (Part B) are eligible to become a sexual assault advocate in Minnesota as defined by the Minnesota Department of Justice Programs Crime Victims Services.

HSC 1114 - Sexual Violence Advocacy - 2 cr.
This course focuses on building practical skills and techniques for providing advocacy and crisis intervention with victims of crime; specifically sexual violence. Through on-line and on-site activities students will synthesize their knowledge of advocacy theory with the practice of advocacy skills on the individual and institutional levels. Students will meet and learn from community professionals gaining knowledge in the community's response to sexual assault, specifically the medical and legal response. Students who complete this course of study are eligible to become a sexual assault advocate in Minnesota as defined by the Minnesota Department of Justice Programs Crime Victims Services.
Prerequisite Courses: HSC 1113

HSC 1777 - Independent Study - 0-4 cr.
Topics.

HSC 2201 - Nutrition - 4 cr.
Introduces the basic principles of nutrition including energy, proteins, carbohydrates, fat, vitamins, minerals and water with application to individual diet assessment. Recommendations for meeting the changing nutritional needs throughout the lifecycle. Basic exploration of current food/nutrition issues. Four class hours, independent projects.

HSC 2203 - U.S. Healthcare System (Conceptions : VCOP - Electives) - 4 cr.
Covers the history and development of the healthcare system in the United States; health in society today; types of healthcare institutions and services, organizational structure, roles of healthcare professionals and functions of hospitals and other health facilities; accountability in healthcare and the role of government in healthcare, introduction to current models of health financing.

HSC 2209 - Medical Terminology - 2 cr.
Studies the terminology common to medicine utilizing word elements (prefixes, suffixes and roots) basic for building medical terms and analyzing meanings using a programmed learning format; includes spelling and pronunciation of medical terms.

HSC 2300 - Hatha Yoga - 1 cr.
Practice and implement Hatha Yoga skills according to your individual knowledge and experience. The foundation of this course is the Eight Fold Path of Raja Yoga. The course teaches Hatha Yoga postures, relaxation and yogic breath awareness. It also includes the integration of yogic philosophy, meditation and mindfulness in one's personal life. Students increase flexibility, strength, balance and endurance as well as calmness, centeredness and self-awareness. Special emphasis will be placed on the ethical foundation of the yoga tradition in the Yamas and Niyamas.

HSC 2500 - Introduction to Occupational Therapy - 2 cr.
Provides an introduction to the profession of occupational therapy focused on the profession, the practitioner, and practice. The profession includes an overview of occupational therapy, a history of occupational therapy, and trends of the profession. The practitioner identifies educational preparation and certification criteria, organizations within the profession, roles and responsibilities of the practitioner, legal and ethical practice, and skills for therapeutic relationships. The practice of occupational therapy introduces occupational behavior, occupational therapy considerations across the lifespan, evaluation and intervention process, and occupation as intervention. The emphasis is on basic information, beginning skills, and exploration of the profession.
Prerequisite Courses: PSY 2208 or PSY 1105 or SOC 1125

HSC 2777 - Topics in Health Sciences - 0-4 cr.
Seminar or project for intense group study of a special health-related subject. Participants meet regularly over a period of time equivalent to a standard course. Must be approved by school dean.

HSC 2999 - Independent Study - 0-4 cr.
Investigates an area of special interest and demonstrate self-direction in study of a problem which exists in health care. Topic must be approved by school dean and student's advisor.

HSC 3020 - Pathophysiology - 4 cr.
Study of the general mechanisms of disease at the cellular and molecular levels, including abnormalities of fluid distribution, the inflammatory process, abnormal immune mechanisms, and neoplastic disease, followed by an application of the basic principles of pathologic processes to diseases of the neurologic, endocrine, reproductive, hematologic, cardiovascular, pulmonary, renal and digestive systems.
Prerequisite Courses: a completed course in Anatomy/Physiology.

HSC 3101 - Health for All: A Global Perspective - 4 cr.
Explores health as a human concept, profoundly affected by cultural, economic, social, political, scientific, environmental, behavioral and technological factors. Global health involves personal and population health issues, community problems and concerns that transcend national boundaries, and that may best be addressed by cooperative actions. Issues of social justice and peace as they relate to health are explored within a 'Health For All' framework. This course will focus on global health as a human right, multilevel factors affecting health, and the role of individuals, governments and organizations in improving global health. The emphasis of the course is to discover and appreciate all aspects of health.

HSC 3315 - Nutrition for Disease Management - 2 cr.
This course focuses on the role of nutrition in illness and disease management from an interdisciplinary perspective.
Prerequisite Courses: HSC 2215

HSC 3777 - Independent Study - 0-2 cr.
Topics.

HSC 3999 - HSC Topics - 0-4 cr.
Independent Study.

HSC 4555 - Health Science Leadership - 2 cr.
Internship.

HSC 4700 - Health Science Interdisciplinary Leadership - 2 cr.
Focuses on specific leadership strategies of building respect and collaboration among members of health science disciplines through patient/client centered and ethical decision-making approaches. Students will have opportunities to develop skills to function as leaders representing their professions as part of an interdisciplinary team. Additionally, the ATHENS EHR System, which is a state-of-the-art electronic health record, will be used by students in this course to develop their confidence and competence with employing this type of clinical information technology in the practice of their profession.
Prerequisite Courses: Permission of instructor.

HSC 4777 - Topics in Health Sciences - 0-4 cr.
Studies subjects dealing with healthcare delivery systems in U.S. and/or other countries, such as the philosophy, organization/structure, innovations, benefits, concerns and/or future orientation of the systems. Must be approved by school dean.

HSC 4999 - Independent Study - 1-7 cr.
Investigates an area of special interest related to a problem existing in health care. Topic must be approved by school dean and student's advisor.

HSC 6777 - Health Sciences Topics - 0-4 cr.
Topics in Health Sciences.