HEALTH SCIENCE AND INFORMATICS (HSI)

HSI 2100 - Health Care Management
Credit(s): 3 Credits
This course will discuss management and project management from the standpoint of a healthcare manager who must organize, plan, implement and control tasks. Students will learn to apply management theory and project management tools and techniques to achieve an organization’s schedule, budget and performance objectives.

Restrictions:
Enrollment is limited to students with a program in Health Information Mgmt, Health Sciences, Magnetic Resonance Imaging, Nuclear Medicine Tech or Radiation Therapy.

HSI 2200 - Medical Terminology
Credit(s): 3 Credits
This comprehensive online course teaches the basic language related to medical science and allied health professions; word analysis, construction, pronunciation, spelling, definition, and use of terms pertaining to anatomy, pathology, disease, abbreviations, and medical procedures. After 4 weeks of Doisy College restricted registration, it is open to all students in the University.

HSI 3300 - Anatomy & Physiology I
Credit(s): 3 Credits
This course provides a comprehensive study of the structure and function of the human body. Topics include anatomical terminology; body organization, homeostasis; cytology; histology; and the integumentary, skeletal, muscular, and nervous systems. After 4 weeks of Doisy College restricted registration, it is open to all students in the University.

Prerequisite(s):
HSI 2200 with a grade of C or higher; (BIOL 1240 with a grade of C or higher, CHEM 1083 with a grade of C or higher, CHEM 1110 with a grade of C or higher, or BIOL 1100 with a grade of C or higher)
* Concurrent enrollment allowed.
Corequisite(s): HSI 3310
Restrictions:
Enrollment limited to students in the Doisy College Health Sciences college.

HSI 3310 - Anatomy & Physiology I Lab
Credit(s): 1 Credit
This lab is a supplement to the Anatomy and Physiology I lecture (HSI 3300) and will cover the same topics. Laboratory work includes interactive study using detailed models, microscopic study, lab activities, multimedia presentations, and group learning. After 4 weeks of Doisy College restricted registration, it is open to all students in the University.

Prerequisite(s):
HSI 2200 with a grade of C or higher; (BIOL 1240 with a grade of C or higher, CHEM 1083 with a grade of C or higher, CHEM 1110 with a grade of C or higher)
* Concurrent enrollment allowed.
Corequisite(s): HSI 3300

HSI 3400 - Anatomy & Physiology II
Credit(s): 3 Credits
This course is a continuation of Anatomy and Physiology I (HSI 3300). Topics include general and special senses; hemocytology; fluid and electrolyte balance; and the cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. After 4 weeks of Doisy College restricted registration, it is open to all students in the University.

Prerequisite(s):
HSI 2200 with a grade of C or higher; (CHEM 1083 with a grade of C or higher, CHEM 1110 with a grade of C or higher, or BIOL 1240 with a grade of C or higher)
* Concurrent enrollment allowed.
Corequisite(s): HSI 3410
Restrictions:
Enrollment limited to students in the Doisy College Health Sciences college.

HSI 3410 - Anatomy & Physiology II Lab
Credit(s): 1 Credit
This lab is a supplement to the Anatomy and Physiology II lecture (HSI 3400) and will cover the same topics. Laboratory work includes interactive study using detailed models, microscopic study, lab activities, multimedia presentations, and group learning. After 4 weeks of Doisy College restricted registration, it is open to all students in the University.

Prerequisite(s):
HSI 2200 with a grade of C or higher; (BIOL 1240 with a grade of C or higher, CHEM 1083 with a grade of C or higher, CHEM 1110 with a grade of C or higher)
* Concurrent enrollment allowed.
Corequisite(s): HSI 3400
Restrictions:
Enrollment limited to students in the Doisy College Health Sciences college.