

HEALTH SCIENCE AND INFORMATICS (HSI)

HSI 2100 - Health Care Management

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.

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

The 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, abbreviations, and medical procedures. Offered fall, spring and summer.

Restrictions:

Enrollment limited to students in the Doisy College Health Sciences college.

HSI 2930 - Special Topics

Credit(s): 3 Credits (Repeatable for credit)

HSI 2980 - Independent Study

Credit(s): 1 or 3 Credits (Repeatable for credit)

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. Offered in fall.

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, or CHEM 1110 with a grade of C- or higher)

* Concurrent enrollment allowed.

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. Prerequisites: BIOL 1240 or CHEM 1083 or CHEM 1110.

Prerequisite(s): (BIOL 1240 with a grade of C- or higher, CHEM 1083 with a grade of C- or higher, or CHEM 1110 with a grade of C- or higher)

Restrictions:

Enrollment limited to students in the Doisy College Health Sciences college.

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.

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, or CHEM 1110 with a grade of C- or higher)

* Concurrent enrollment allowed.

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.

Prerequisite(s): (BIOL 1240 with a grade of C- or higher, CHEM 1083 with a grade of C- or higher, or CHEM 1110 with a grade of C- or higher)

Restrictions:

Enrollment limited to students in the Doisy College Health Sciences college.

HSI 3930 - Special Topics

Credit(s): 3 Credits (Repeatable for credit)

HSI 3980 - Independent Study

Credit(s): 1 or 3 Credits (Repeatable for credit)