

The study of the nature and cause of disease including the etiology, signs, symptoms, diagnostic evaluation, clinical treatment and pharmacology management of disease processes.

Prerequisites: BIOL 1100K and acceptance into the Health Information Technology Program.

Corequisite: HITE 2100.

Offered: Fall.

HITE 2423 Disease Management (Online Course Only) (3-0-3)

An introduction to the pathophysiology of cancer, using principles from anatomy and physiology to provide a foundation for the study of oncology disease process. Diagnostic and staging procedures, treatment modalities, including surgery, radiation therapy, and chemotherapy, will also be addressed.

Prerequisite: BIOL 1100K.

Corequisite: HITE 2100.

Offered: Fall, Spring

HITE 2500 Health Information System Applications (Online Course Only) (2-2-3)

Students will learn the concept of medical information management through an information system composed of people, hardware, software, communication networks, and data resources that collect, transform, and disseminate health information to healthcare users. The process of planning, designing, selecting, implementing, integrating, testing, evaluating, and supporting EHRs (electronic health records) is also introduced.

Prerequisites: HITE 2100.

Offered: Fall.

HITE 2550 Quality Assessment (Online Course Only) (2-2-2)

Introduction to the components of quality assessment and improvement programs in health care facilities including quality assessment, utilization management, risk management, and peer review organizations. Students will learn to analyze clinical data to identify trends that demonstrate quality, safety, and effectiveness of health care.

Prerequisites: HITE 2100, HITE 2200 or permission of instructor.

Offered: Spring.

HITE 2600 Professional Practice I (Online Course Only) (0-4-2)

Professional practice experience in an acute care setting that provides the student the opportunity to apply and develop the skills learned throughout the course curriculum that are vital in the management of health information.

Corequisite: HITE 2610, HITE 2650.

Prerequisites: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250, HITE 2500.

Offered: Fall and Spring.

HITE 2610 Professional Practice II (Online Course Only) (0-4-2)

This course is a continuation of HITE 2600, providing additional professional practice experience as the student applies skills learned throughout the course curriculum. Students will have the opportunity to experience the workflow of the acute care setting from beginning to end.

Prerequisite: HITE 2100, HITE 2110, HITE 2137, HITE 2150, HITE 2160, HITE 2170, HITE 2250.

Corequisite: HITE 2600, HITE 2650.

Offered: Fall and Spring.