HEALTH INFORMATION MANAGEMENT (HIM)

HIM 1100 - Introduction to Health Informatics and Information Management
Credit(s): 1 Credit
This course is an introduction to the disciplines of health informatics and health information management. It is designed to enlighten the student about the various careers and opportunities available in both professions. Students will participate in different activities and discussions to learn, explore, and understand the range of elements, nuances, and importance of health informatics and health information management.

HIM 3000 - Foundations in Health Information Management
Credit(s): 3 Credits
This course is an introduction to the management of health information and health informatics. Students will explore the origin, uses, content, accreditation, certification, and licensure standards applicable to health information. Students will appreciate the use of health information in reimbursement and research and the transition of the paper medical record to electronic and the role technology plays in that evolution. Students will explore the use of the personal health record and consumer informatics, as well as the ethical and legal issues surrounding e-health.

HIM 3100 - Medico-Legal Aspects
Credit(s): 3 Credits
This course examines the US legal healthcare system, including legislation, regulations, and standards. Specific emphasis will be on concepts relating to the Health Insurance Portability and Accountability Act (HIPAA) highlighting medical record confidentiality, privacy, and security. Students will gain a thorough understanding of the use of protected health information, release of information, informed consent, torts, and negligence. Professional and practice related healthcare ethical issues, abuse and fraud trends, and the legalities of the electronic and other health-related documentation will also be reinforced.

HIM 3200 - Health Data Management
Credit(s): 3 Credits
This course focuses on the principle of healthcare statistics with an emphasis on hospital statistics, analyzing results to facilitate decision-making and report generation. An overview of descriptive and inferential statistics and their use in healthcare, the presentation of data and basic research principles will be included.

Restrictions:
Enrollment is limited to students with a program in Health Information Mgmt.

HIM 3300 - Classification Systems I
Credit(s): 3 Credits
This course focuses on the ICD-10-CM/PCS coding system and its use in the healthcare industry. The ethical challenges and concern in the application of coding and reimbursement principles will be emphasized. Management of coding services will also be discussed. Students will gain hands-on experience using encoder technology and applying ICD-10-CM/PCS coding principles to exercises, assignment, and health records in a classroom setting.

Prerequisite(s): (HSI 3300* with a grade of C or higher, HSI 3400* with a grade of C or higher, ANAT 1000* with a grade of C or higher, PPY 2540* with a grade of C or higher, or HIM 4750* with a grade of C or higher)
* Concurrent enrollment allowed.

HIM 3600 - HIM Theory & Practice
Credit(s): 3 Credits
This class provides students an opportunity to synthesize knowledge for the design, maintenance, retrieval, and uses of health data and information. Students will work through cases and activities to learn the importance of managing data elements, data sets, and databases as well as clinical indices and registries. Compliance and organizational survey readiness for accreditation, licensing, and certification is emphasized. This course is taught in two parts. Both parts must be registered for and taken simultaneously. Both parts are taken for credit and are assigned grades. MW lecture (1 hour/day) and 2 credits; Friday is reserved on students schedule from 8 am to noon, 1 credit hour. Linked on Banner, so that registration of MW automatically registers for a Friday site visit (lab) and the total of 3 credit hours.

Prerequisite(s): HIM 3000 with a grade of C or higher
Restrictions:
Enrollment is limited to students with a program in Health Information Mgmt.

HIM 4150 - Quality Improvement
Credit(s): 3 Credits
This course will familiarize students with the history of quality improvement efforts in the US healthcare system as well as the evolving methods and tools used to achieve safe, efficient, and quality health care. Quality indicators will be assessed along with opportunities to review, analyze, and monitor improvement. Students will gain hands-on experience to apply analytical and graphical quality tools to cases and activities. The variety of standards that help ensure that patients are receiving the highest quality of care and services will be highlighted.

HIM 4200 - Research Design, Critique
Credit(s): 3 Credits
This course will define research methods and its importance for improving the health care of society. This course will also focus on the research process and the relationship between theory, data, and statistical methods.

Prerequisite(s): (MATH 1300 with a grade of C or higher, STAT 1300 with a grade of C or higher, or OPM 2070 with a grade of C or higher); ENGL 1900
Restrictions:
Enrollment is limited to students with a major in Health Information Mgmt, Health Sciences, Magnetic Resonance Imaging, Nuclear Medicine Tech or Radiation Therapy.

HIM 4300 - Classifications Systems II
Credit(s): 3 Credits
The focus of this course is using the Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding Systems (HCPCS). Students will gain hands-on experience using encoder technology and applying CPT and HCPCS coding principles for coding hospital outpatient and physician office records. The ethical challenges and concerns in the application of coding and reimbursement principles will be emphasized, and management of coding services will be discussed.

Prerequisite(s): (HSI 3300* with a grade of C or higher, HSI 3400* with a grade of C or higher, ANAT 1000* with a grade of C or higher, PPY 2540* with a grade of C or higher, or HIM 4750* with a grade of C or higher)
* Concurrent enrollment allowed.
HIM 4400 - Clinical Data Analytics  
Credit(s): 3 Credits  
This course will allow students to gain hands-on experience with big data in healthcare. Students will begin to appreciate data analytics as an increasingly important skill for all health information managers and health informaticians. Through case studies, students will use databases and statistical software for data extraction, normalization, transformation, visualization, and statistical analyses.  
Prerequisite(s): HIM 3200* with a grade of C or higher  
* Concurrent enrollment allowed.  
Restrictions:  
Enrollment is limited to students with a program in Health Information Mgmt.

HIM 4510 - Health Care Financial Mgmt  
Credit(s): 3 Credits  
This course provides an introduction to revenue cycle management and the financial environment in which the healthcare industry functions. Topics include an overview of the healthcare industry, insurance, and reimbursement as well as accounting principles, operating and capital budgeting, financial statement review, and financial analysis.  
Prerequisite(s): HIM 3000* with a grade of C or higher  
* Concurrent enrollment allowed.

HIM 4530 - Professional Practice  
Credit(s): 3 Credits  
The Professional Practice Experience is a culminating component of the Health Information Management curriculum. This internship helps the student assimilate theory with practical application, reinforcing, and supplementing the knowledge obtained from the classroom and laboratory.  
Prerequisite(s): HIM 3000* with a grade of C or higher; HIM 3600* with a grade of C or higher  
* Concurrent enrollment allowed.  
Restrictions:  
Enrollment is limited to students with a major in Health Information Mgmt.

HIM 4610 - Electronic Health Systems Management  
Credit(s): 3 Credits  
This course will familiarize students with the evolution and use of informatics in healthcare. Informatics involves people, process, and technology, and as such, each of these components will be explored as it related to healthcare systems analysis, design, implementation, evaluation, and acquisition. Specific emphasis will be on issues related to privacy and security of data and information in healthcare. Throughout the course, students will gain hands-on experience using an electronic health record. Current health IT problems, limitation, and future trends and opportunities will be discussed.  
Prerequisite(s): HIM 3000 with a grade of C or higher  
Restrictions:  
Enrollment is limited to students with a program in Health Information Mgmt.

HIM 4750 - Fundamentals of Clinical Medicine  
Credit(s): 3 Credits  
This course is designed to acquaint the student with the basic concepts of the diagnosis and management of common physical and mental illnesses. The effects of cultural issues on health, healthcare quality, and costs of treatments will be assessed. Students will correlate signs and symptoms documented in the health record with medical conditions. They will learn to identify commonly required procedures and tests needed to arrive at a given diagnosis. Commonly used pharmacological agents and their indicators for use will be introduced.  
Prerequisite(s): (HSI 3300* with a grade of C or higher and HSI 3310 with a grade of C or higher), ANAT 1000 with a grade of C or higher, or PPY 2540 with a grade of C or higher; ((HSI 3400* with a grade of C or higher and HSI 3410 with a grade of C or higher), ANAT 1000 with a grade of C or higher, or PPY 2540 with a grade of C or higher)  
* Concurrent enrollment allowed.  
Restrictions:  
Enrollment is limited to students in the Doisy College Health Sciences college.

HIM 4950 - Senior Seminar  
Credit(s): 3 Credits  
This is the capstone course for HIM majors. This course is designed to assist the student in synthesizing the knowledge and skills developed during their course of study through the use of case studies and project work. The student will prepare for the professional opportunities and to take the credentialing exam.  
Prerequisite(s): HIM 3000* with a grade of C or higher; HIM 3600* with a grade of C or higher  
* Concurrent enrollment allowed.  
Restrictions:  
Enrollment is limited to students with a major in Health Information Mgmt.