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 profession of health information management and health informatics. We will explore the origin, uses, and content of health records. The accreditation, certification and licensure standards applicable to health records will also be discussed. We will appreciate the change of the paper medical record to electronic, the role technology plays in that evolution, the use of a personal health record, as well as the ethical and the legal issues surrounding e-health. In addition, we will explore the importance in determining the user's needs, and evaluate risks, benefits, and barriers to systems.

HIM 3100 - Medico-Legal Aspects
Credit(s): 3 Credits
This course examines the US court system, legal terminology and legal procedures. Specific emphasis will be on healthcare legislation, regulations, and standards highlighting confidentiality, privacy, security and use of protected health information; professional and practice related health care ethical issues, abuse and fraud trends, informed consent, torts, negligence and the legalities of the electronic and other health related documentation.

HIM 3200 - Health Data Management
Credit(s): 3 Credits
This course focuses on the principles of healthcare statistics with 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. Offered in fall.

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 concerns in the application of coding and reimbursement principles will be emphasized. Management of coding services will also be discussed. Students will apply ICD-10-CM/PCS coding principles to exercises, assignments and health records in a classroom setting.
Prerequisite(s): (ANAT 1000 with a grade of C or higher, (HSI 3300 with a grade of C or higher and HSI 3310 with a grade of C or higher), or PPY 2540 with a grade of C or higher); (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), or ANAT 1000 with a grade of C or higher)); HIM 4750 with a grade of C or higher

HIM 3400 - Health Information Management Mgmt.
Credit(s): 1 Credit
Concurrent enrollment allowed.

HIM 3500 - Introduction to Health Informatics
Credit(s): 3 Credits
This course is an introduction to nomenclatures and classification systems utilized in collecting, maintaining and retrieving specific clinical data in a variety of healthcare settings. The focus of the course is using Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) for coding hospital outpatient and physician office records. Ethical challenges and concerns in the application of coding and reimbursement principles will be emphasized. Management of Coding Services will be discussed.
Prerequisite(s): HSCI 3300 with a grade of C or higher; HSCI 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)

HIM 3600 - HIM Theory & Practice
Credit(s): 0 or 3 Credits
This class builds on HIM content by providing students an opportunity to synthesize knowledge for the design, maintenance, retrieval and uses of health data and health information. Students will learn the importance of managing health data such as data elements, data sets and databases as well as clinical indices, databases and registries. Compliance and organizational survey readiness for accreditation, licensing, and certification is emphasized. Note: 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 credit hours; Friday is reserved on student schedule from 8 a.m. - 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 3930 - Special Topics
Credit(s): 3 Credits (Repeatable for credit)

HIM 3980 - Independent Study
Credit(s): 1 or 3 Credits (Repeatable for credit)

HIM 4150 - Quality Improvement
Credit(s): 3 Credits
This course familiarizes students with the history of quality improvement efforts in the US healthcare system along with evolving methods and tools to achieve safe, efficient and quality health care. Quality indicators will be assessed along with opportunities to review, analyze and monitor improvement. Analytical and graphic quality and performance tools will be identified and utilized. Various standards that ensure patients are receiving the highest quality of care and services will be highlighted.

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

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

HIM 4300 - Classifications Systems II
Credit(s): 3 Credits
This course is an introduction to nomenclatures and classification systems utilized in collecting, maintaining and retrieving specific clinical data in a variety of healthcare settings. The focus of the course is using Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) for coding hospital outpatient and physician office records. Ethical challenges and concerns in the application of coding and reimbursement principles will be emphasized. Management of Coding Services will be discussed.
Prerequisite(s): HSCI 3300 with a grade of C or higher; HSCI 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. 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 major in Health Information Mgmt.

**HIM 4510 - Health Care Financial Mgmt**
Credit(s): 3 Credits
This course provides an introduction to healthcare finance and the financial environment in which the healthcare industry functions. Topics include an overview of the healthcare industry, insurance and reimbursements as well as revenue cycle management. This course also includes a review of accounting principles, such as revenue and costs analysis, 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 (PPE) is an integral 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 allow students to apply computer technology and information concepts to the decision making process in the healthcare environment. Acquisition of systems, systems analysis, design, implementation and evaluation will be explored along with issues relating to system security. Present problems, limitations and future trends will be discussed. Throughout the course, the role of the health information manager in the analysis, development and implementation of systems will be emphasized.

**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. Offered in fall.

**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 with a program in Health Information Mgmt.

**HIM 4930 - Special Topics**
Credit(s): 3 Credits (Repeatable for credit)

**HIM 4950 - Senior Seminar**
Credit(s): 3 Credits (Repeatable for credit)
This is the capstone course for HIM majors. The purpose of this course is 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. Students will prepare for the credentialing exam. Alternative career opportunities will be presented.

**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.