Health Information Management (HIM)

Courses

HIM 1005. International Classification of Disease, 10 Revision, CM & PCS Coding Systems for Experienced Coders. 3 Credit Hours.
The course is designed to provide individuals with ICD-9-CM coding experience with the requisite knowledge and skills to be proficient with the ICD-10-CM and ICD-10-PCS code sets. An overview of diagnosis and procedural coding conventions and guidelines will be provided. Emphasis will be placed on application of coding guidelines and conventions to intermediate and advanced coding cases.
Repeatability: This course may not be repeated for additional credits.

HIM 1101. Medical Terminology. 3 Credit Hours.
An introduction to the language of medicine, including medical and anatomical terminology, definitions, the process of word construction, and analysis of terms. The focus is on the use of prefixes, suffixes and combining forms that facilitate the ability to translate medical terms. Symptoms, diseases, operative procedures, laboratory tests, diagnostic and treatment terms, and abbreviations are studied.
Repeatability: This course may not be repeated for additional credits.

HIM 2203. U.S. Health Care System. 3 Credit Hours.
The health care delivery system is studied, with a focus on issues related to access, cost and quality. System components are examined including: important values and beliefs; the historical development of the health care system and the current status; health services financing; the role of health care professionals; the use of technology; outpatient, primary care, inpatient, managed care, long-term care and integrated services; issues for special populations; the process and purpose of health policy; and, future options for the delivery system. The role of the health information management professional is examined within the context of the health care system, including the importance of the professional Code of Ethics.
Repeatability: This course may not be repeated for additional credits.

HIM 2215. Health Information Management IT Fundamentals. 3 Credit Hours.
The course will provide a foundation in information technology (IT) concepts related to the HIM Practitioner. Content related to IT architecture, computer hardware, software, and networking systems, security, IT valuation, types of computer systems, centralized versus decentralized design, data capture technologies, and emerging technologies will be explored in the context of the health care industry. Specific attention will be addressed to the application of information technologies on the ability of health care organizations to respond to changes in the environment including regulatory, legislative, and accrediting agency initiatives.
Repeatability: This course may not be repeated for additional credits.

HIM 3020. Special Topics in Health Information Management. 1 to 3 Credit Hour.
This course provides students the opportunity to explore new and emerging areas in the field of health information management and to gain a deeper understanding of a specific area within the field. This course may also be used to present areas of study not normally taught in the program.
Repeatability: This course may be repeated for additional credit.

HIM 3082. Independent Study in Health Information Management. 1 to 3 Credit Hour.
Exploration of an aspect of health information management, in accordance with a student's learning objectives. NOTE: Permission of the faculty member is required.
Repeatability: This course may be repeated for additional credit.

HIM 3101. Health Record Documentation. 3 Credit Hours.
The purposes and uses of health record documentation will be explored including the primary and secondary uses of healthcare data. The development, content, format, and standards of health record will be studied for various healthcare settings. Documentation requirements including accreditation, regulatory, and licensure standards and required data sets will be examined. An introduction to Health Information Management functions (including storage and retrieval, classification systems, access and release of health information, transcription, electronic document management systems) will be provided.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits.

HIM 3103. U.S. Health Care System. 3 Credit Hours.
The health care delivery system is studied, with a focus on issues related to access, cost and quality. System components are examined including: important values and beliefs; the historical development of the health care system and the current status; health services financing; the role of health care professionals; the use of technology; outpatient, primary care, inpatient, managed care, long-term care and integrated services; issues for special populations; the process and purpose of health policy; and, future options for the delivery system. The role of the health information management professional is examined within the context of the health care system, including the importance of the professional Code of Ethics.
Repeatability: This course may not be repeated for additional credits.
HIM 3106. Pathophysiology. 3 Credit Hours.
An introduction to basic concepts of disease processes. Clinical course, related diagnostic and therapeutic procedures and expected outcomes for commonly occurring medical conditions are addressed.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 1101|Minimum Grade of C|May not be taken concurrently
OR HIM1 Y|May not be taken concurrently)
AND (KINS 1223|Minimum Grade of C|May not be taken concurrently
OR KIN1 Y|May not be taken concurrently)
AND (KINS 1224|Minimum Grade of C|May not be taken concurrently
OR KIN2 Y|May not be taken concurrently).

HIM 3107. Health Information Management Leadership and Strategic Management. 3 Credit Hours.
The course is designed to explore the characteristics and functions of management in the healthcare environment with specific attention to leadership and strategic management. This course includes the study of traditional management functions including planning, organizing, leading, and controlling, with an emphasis on the administrative role of the health information management professional. Students will also explore how HIM practitioners support the organization's initiatives, mission, vision and objectives through the development of policies, procedures, and allocation of resources. Change management theories and best practices will be evaluated.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits.

HIM 3111. Statistics and Research in Health Care. 3 Credit Hours.
Course addresses medical research methodologies; computation of routine health care institutional statistics; the United States vital statistics system; and, presentation and interpretation of health care data.
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
STAT 2101|Minimum Grade of C|May not be taken concurrently
OR MATH 1013|Minimum Grade of C|May not be taken concurrently
OR PSY 1167|Minimum Grade of C|May not be taken concurrently
OR SOC 1167|Minimum Grade of C|May not be taken concurrently
OR STT5 Y|May not be taken concurrently.

HIM 3113. Healthcare Database Design and Development. 3 Credit Hours.
Efficient and effective database design is critical to a healthcare organization's ability to collect, report, analyze and use data. In this course, students will effectively design and build relational databases in 3NF using multiple relational database management systems with specific attention to design which facilitates performance of daily operations. In addition, students will become adept at a wide range of data definition functions including updating, deleting, saving, and reverting to older versions of databases. Significant attention is devoted to the data manipulation language. Query development will include simple and complex queries such as conditions, aggregation, string functions, nested queries, mathematical functions, and joins using traditional forms and ANSI standard forms. An introduction in data analysis and migration will also be explored with pivot tables and data exports and imports. This course requires extensive hands on laboratory assignments.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
CIS 1055|Minimum Grade of C|May not be taken concurrently
OR CS04 Y|May not be taken concurrently
OR BCP PASS|May not be taken concurrently.

HIM 3185. Elective Internship in Health Information Management. 1 to 3 Credit Hour.
Clinical experience in administration of health information systems, based on a student's learning objectives. NOTE: Permission of Internship Coordinator is required.
Repeatability: This course may be repeated for additional credit.

HIM 3202. Legal Aspects of Health Information Management. 3 Credit Hours.
Federal and state legislation and regulations for health information systems with a focus on privacy and confidentiality; negligence, malpractice and liability; access to health information; and, informed consent and contracts.
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3101|Minimum Grade of C|May not be taken concurrently
AND HIM 3103|Minimum Grade of C|May not be taken concurrently).
HIM 3203. Electronic Health Record Systems. 3 Credit Hours.
The role of the electronic health record systems (EHRs) as they support improvements in the quality of patient care and reduction of healthcare costs will be addressed. This class offers an overview of the features and functions in electronic health record systems and their application across the healthcare continuum with emphasis on the acute care and ambulatory care settings. The course will explore the history of the development of interoperable EHRs, the drivers and impediments for adoption, and the development of nationwide health information exchange. The course will cover the various types of health information systems that serve as feeders to clinical repositories.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 2215 Minimum Grade of C May be taken concurrently
OR HIM 3203 Minimum Grade of C May not be taken concurrently.

HIM 3204. Health Information Systems in Nonacute Care. 3 Credit Hours.
An examination of non-acute, specialty health care systems at mental health, substance abuse, ambulatory, long term care, home health, managed care, correctional, hospice, rehabilitation, dental, and, veterinary settings. The focus is on documentation requirements; accreditation and licensure standards; required data sets; and, reimbursement systems and methodologies. The role of the health information management professional is examined within the context of these settings. Course also includes an examination of disease and procedural indices, specialized registries and databases.

Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3101 Minimum Grade of C May not be taken concurrently
AND HIM 3103 Minimum Grade of C May not be taken concurrently).

HIM 3206. Clinical Medicine I. 3 Credit Hours.
Pathophysiology is studied, with a focus on the clinical aspects of disease, such as, inflammation, infection, and neoplasm. Diseases affecting selected body systems are also studied, such as, cardiovascular, respiratory and digestive. Anatomy and physiology, the language of medicine and pharmacological terms are reviewed.

Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 1101 Minimum Grade of C May not be taken concurrently
AND KINS 1223 Minimum Grade of C May not be taken concurrently
AND KINS 1224 Minimum Grade of C May not be taken concurrently).

HIM 3208. International Classification of Diseases. 3 Credit Hours.
An intensive coding course based on the International Classification of Diseases diagnosis and procedural classification systems, as modified for use in the United States. The emphasis of instruction will be on application of coding principles for the acute care inpatient setting. The Medicare inpatient prospective payment system and the determination of diagnostic related groups (DRGs) for hospital reimbursement will also be addressed.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 3106 Minimum Grade of C May not be taken concurrently.

HIM 3211. Management in Health Information Systems. 3 Credit Hours.
This course includes the study of organizational behaviors, management, and leadership and emphasizes the role of the health information management professional.

Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 3101 Minimum Grade of C May not be taken concurrently.

HIM 3212. Clinical Procedures. 2 Credit Hours.
The course is designed to develop an understanding of technical aspects of commonly performed surgical and medical procedures and diagnostic tests. Detailed descriptions of procedures, approaches, equipment and implanted devices used will be analyzed. The procedural objective in terms of diagnosis versus treatment will also be discussed.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 3106 Minimum Grade of C May not be taken concurrently.

HIM 3214. Pharmacology. 1 Credit Hour.
An introduction to the principles of pharmacology, including drug terminology; drug origins, forms, and actions; routes of administration; and the use of generic name drugs, trade name drugs and categories of drugs to treat various body systems.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 3106 Minimum Grade of C May not be taken concurrently.
HIM 3271. Professional Development. 1 Credit Hour.
This course is designed to help prepare students for career planning. The emphasis is on interview preparation (including behavioral event interviewing), expected behaviors and legal issues. Career options and resume preparation in the context of life long career development will be explored.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits.

HIM 3285. Professional Practice Internship. 2 Credit Hours.
A supervised clinical internship that facilitates an understanding of the professional practice aspects of the health information system. The student will learn about the organization, regulation, accreditation and logistics of the acute care information system, as well as non-acute care components, such as, long term care; behavioral health; utilization, risk and quality management; classification and reimbursement systems and datasets; and patient care registries.

Repeatability: This course may be repeated for additional credit.
Pre-requisites:
(HIM 1101|Minimum Grade of C|May not be taken concurrently
AND HIM 3101|Minimum Grade of C|May not be taken concurrently
AND HIM 3103|Minimum Grade of C|May not be taken concurrently
AND HIM 3111|Minimum Grade of C|May not be taken concurrently
AND HIM 3113|Minimum Grade of C|May not be taken concurrently
AND KINS 1223|Minimum Grade of C|May not be taken concurrently
AND KINS 1224|Minimum Grade of C|May not be taken concurrently).

HIM 3297. Health Information Management Human Resource Management. 3 Credit Hours.
Personnel policies and practices are evaluated for the healthcare environment, including: recruitment, selection and retention; personnel training and development; job design and analysis; performance management; employee and labor relations; compensation and benefits programs; and health and safety issues. NOTE: Writing Intensive course.

Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 3107|Minimum Grade of C|May not be taken concurrently.

HIM 4101. Health Informatics: Infrastructure and Standards. 3 Credit Hours.
This course will explore the purpose, use, benefits and challenges of various standards to achieve semantic interoperability for health information exchange. Healthcare standardization related to privacy, security, clinical vocabularies, data communication, architectural framework, and data content will be evaluated in the context of meaningful use of electronic health record systems (EHRs). National and international standards development efforts are also discussed. Gaps between adopted standards and existing practice will be evaluated. Key content and data standards will be explored.

Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 3203|Minimum Grade of C|May not be taken concurrently.

HIM 4102. Legal Aspects of Health Information Management. 3 Credit Hours.
This course provides a foundation of the legal, ethical and regulatory requirements that affect the use, access and disclosure of health information. The U.S. legal system, sources of laws and regulations, elements of case law, civil procedures and trial processes will be addressed. Emphasis will be on issues related to privacy and confidentiality; negligence, malpractice and liability; informed consent and contracts.

Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3101|Minimum Grade of C|May not be taken concurrently)
AND (HIM 2203|Minimum Grade of C|May not be taken concurrently
OR HIM 2 Y|May not be taken concurrently).

HIM 4104. Health Information Management Operations Management. 3 Credit Hours.
This course will explore methods and management tools used in the analysis of health information systems. Students will develop objectives, policies and procedures and will perform benchmarking, productivity measurement, and workflow and layout analyses. Traditional business process analysis and redesign tools such as data flow diagramming, flow charting, and swimlanes, will be evaluated including the benefits and challenges of each technique. A survey of functional requirement specification gathering approaches will be reviewed and evaluated. Contract management, resource allocation, workflow process redesign within the context of health information systems will also be addressed.

Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3297|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3203|Minimum Grade of C|May not be taken concurrently).
HIM 4105. Current Procedural Terminology Coding. 3 Credit Hours.
A coding course, based on the Current Procedural Terminology (CPT) coding system that is used for classifying physician and hospital outpatient services. The course examines the role of CPT codes in claim submission, benefit adjudication and provider reimbursement. The Healthcare Common Procedure Coding System (HCPCS) II is also addressed and coding skills for the application of coding principles are developed.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3106|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3212|Minimum Grade of C|May not be taken concurrently).

HIM 4107. Quality Improvement in Healthcare. 3 Credit Hours.
Course addresses quality management processes and total quality management with an emphasis on health information services. Additional topics presented include: medical staff credentialing, risk management, data analysis and presentation and clinical outcomes.
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3111|Minimum Grade of C|May not be taken concurrently)
AND HIM 3208|Minimum Grade of C|May not be taken concurrently).

HIM 4109. Clinical Medicine II. 3 Credit Hours.
Pathophysiology is studied, with a focus on the clinical aspects of diseases for medical and surgical specialties, such as, pediatrics, orthopedics, radiology, obstetrics, gynecology, and psychiatry. Anatomy and physiology, the language of medicine and pharmacological terms are reviewed.
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 1101|Minimum Grade of C|May not be taken concurrently)
AND HIM 3206|Minimum Grade of C|May not be taken concurrently
AND KINS 1223|Minimum Grade of C|May not be taken concurrently
AND KINS 1224|Minimum Grade of C|May not be taken concurrently).

HIM 4113. Healthcare Reimbursement Systems. 3 Credit Hours.
Reimbursement methodologies are studied, as they relate to a variety of health care settings, payers and patient populations. Case mix analysis, charge master description, revenue cycle management, claims processing and fraud and abuse are discussed. Provides an overview of accounting and financial terms used by health care managers.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Co-requisites: HIM 4105
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3208|Minimum Grade of C|May not be taken concurrently)
AND (HIM 2203|Minimum Grade of C|May not be taken concurrently
OR HIM 2 Y|May not be taken concurrently).

HIM 4121. Healthcare Data Analytics. 1 Credit Hour.
Healthcare organizations have an ever increasing need to access, interpret, and analyze information from a multitude of data sources to respond quickly to changes in clinical practices, legislative, regulatory, and accrediting body initiatives, and the competitive marketplace. This course will explore data mining and analytic tools which facilitate the analysis of complex healthcare data. Students will review computer tools for manipulation, analysis and presentation of data using real-world examples across a wide range of healthcare settings.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3113|Minimum Grade of C|May not be taken concurrently).
HIM 4185. Professional Practice Internship. 1 Credit Hour.
A supervised clinical internship that facilitates an understanding of the professional practice aspects of the health information system. The student will learn about the organization, regulation, accreditation and logistics of the acute care information system, as well as non-acute care components, such as, long term care; behavioral health; utilization, risk and quality management; classification and reimbursement systems and datasets; and patient care registries.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may be repeated for additional credit.
Pre-requisites:
(HIM 3101|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3106|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3111|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3107|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3113|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3297|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3212|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3208|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3203|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3214|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3271|Minimum Grade of C|May not be taken concurrently).

HIM 4197. Human Resource Management in Health Information Systems. 3 Credit Hours.
Personnel policies and practices are evaluated for the healthcare environment, including: recruitment, selection and retention; personnel training and development; job design and analysis; performance management; employee and labor relations; compensation and benefits programs; and health and safety issues. NOTE: Writing Intensive course.
Course Attributes: WI
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3211|Minimum Grade of C|May not be taken concurrently)
AND HIM 3285|Minimum Grade of C|May be taken concurrently).

HIM 4202. Health Information Management Project Management. 3 Credit Hours.
Managing EHR projects centers on managing uncertainty at all stages. In this course, students will be introduced to the concepts of managing EHR projects by focusing on initiating, planning, executing, controlling and closing projects in the context of topics such as integration, scope, timing, cost, quality, human resource, technology, communication, contracts, risk and procurement. The System Development Life Cycle of the EHR development will be explored in depth. Topics surrounding cost-benefit analysis, return on investment, requests for proposal and vendor selection will be emphasized.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Co-requisites: HIM 4104
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 4101|Minimum Grade of C|May not be taken concurrently
AND HIM 4104|Minimum Grade of C|May not be taken concurrently.

HIM 4204. Systems Analysis in Health Information Management. 3 Credit Hours.
This is a capstone course which includes methods and management tools used in the analysis of health information systems, including the development of objectives, policies and procedures; benchmarking; workflow, productivity measurement, layout analysis, and project management.
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 4101|Minimum Grade of C|May not be taken concurrently
AND HIM 4197|Minimum Grade of C|May not be taken concurrently
AND HIM 4202|Minimum Grade of C|May be taken concurrently).

HIM 4206. Intermediate Coding. 3 Credit Hours.
This course focuses on advanced topics in diagnosis and procedural coding using the ICD-10-CM, ICD-10-PCS, CPT and HCPCS coding systems. Emphasis will be placed on applying official coding guidelines, and health record documentation analysis and reimbursement optimization. Students will be able to code inpatient, ambulatory surgery and physician encounter cases. Computerized coding and grouping software will be used. The emerging role of computer assisted coding will also be addressed.
Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 3208|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4105|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4113|Minimum Grade of C|May not be taken concurrently).
HIM 4207. Healthcare Quality Improvement. 3 Credit Hours.
This course provides a foundation in quality and patient safety management processes in healthcare. The role of performance measurement and reporting, professional staff credentialing, registries, risk and utilization management, data analysis and presentation in healthcare quality management will be discussed.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management

Repeatability: This course may not be repeated for additional credits

Pre-requisites:
(HIM 3208|Minimum Grade of C|May not be taken concurrently)
AND (HIM 3111|Minimum Grade of C|May not be taken concurrently).

HIM 4211. Political, Social and Ethical Aspects of Health Information. 2 Credit Hours.
Analysis of the impact of public policy formulation, with an emphasis on health information management systems. Includes discussion of the legislative and regulatory process and the role of advocacy by the professional association. Research and health information management ethical issues are examined.

Repeatability: This course may not be repeated for additional credits

Pre-requisites:
(HIM 3202|Minimum Grade of C|May not be taken concurrently)
AND HIM 3285|Minimum Grade of C|May not be taken concurrently).

HIM 4213. Healthcare Reimbursement Systems. 3 Credit Hours.
Reimbursement methodologies are studied, as they relate to a variety of health care settings, payers and patient populations. Case mix analysis, charge master description, revenue cycle management, claims processing and fraud and abuse are discussed. Provides an overview of accounting and financial terms used by health care managers.

Repeatability: This course may not be repeated for additional credits

Pre-requisites:
(HIM 3208|Minimum Grade of C|May not be taken concurrently)
AND HIM 4105|Minimum Grade of C|May not be taken concurrently).

HIM 4286. Management Internship. 4 Credit Hours.
Intensive clinical experience on a full-time basis for 4 weeks at selected affiliated institutions; emphasis on administrative aspects of health information management services.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management

Repeatability: This course may be repeated for additional credit.

Pre-requisites:
(HIM 4101|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4102|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4105|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4113|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4207|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4185|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4121|Minimum Grade of C|May not be taken concurrently).

HIM 4298. Health Information Management Senior Seminar. 3 Credit Hours.
Writing intensive capstone course that requires a formal paper regarding an important and current health information management issue. Problems and cases are also used for the development of critical thinking, problem-solving and decision-making skills. The assignments facilitate the application of health information management expertise and the skills needed for a professional career path. NOTE: Writing intensive course.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Health Information Management

Course Attributes: WI

Repeatability: This course may not be repeated for additional credits

Pre-requisites:
(HIM 4101|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4102|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4105|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4113|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4185|Minimum Grade of C|May not be taken concurrently)
AND (HIM 4121|Minimum Grade of C|May not be taken concurrently).

HIM 5001. Health Information. 3 Credit Hours.
Introduces students to health information management, based on the essential body of knowledge, including the major components of the healthcare delivery system; documentation systems in acute care and specialty sites; and, medico legal and ethical aspects of information systems.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate

Repeatability: This course may not be repeated for additional credits.
HIM 5002. Clinical Info Systems. 3 Credit Hours.
Introduces students to clinical information systems, including introduction to a common body of knowledge, essential to the foundation of the EHRS. Covers components of coding and health care financial management. Clinical data management will be reviewed, including managing the coding function in healthcare organizations; uniform data sets; evaluation of coding and quality assurance of data; DRGs and other case mix systems; and registries and specialized databases.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

HIM 5003. Mgt Systems in Hlthcare. 3 Credit Hours.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

HIM 5004. Introduction to Health Care Delivery. 3 Credit Hours.
The health care delivery system is studied, with a focus on issues related to access, cost and quality. System components are examined including: important values and beliefs; the historical development of the health care system and the current status; health services financing; the role of health care professionals; the use of technology; outpatient, primary care, inpatient, managed care, long-term care and integrated services; issues for special populations; the process and purpose of health policy; and, future options for the delivery system.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

HIM 8001. IT For EHR Systems. 3 Credit Hours.
This course provides an introduction to the development of electronic health record systems (EHRS). The course recognizes that the management of the electronic health record is increasingly important as a result of national healthcare policy, increased regulatory and external factors, the need for access management and the increased demand for integration and the availability of health information. The course will also consider the various types of health information systems that exist in organizations and serve as feeders to clinical repositories.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
((HIM 5001|Minimum Grade of B-|May not be taken concurrently)
AND HIM 5002|Minimum Grade of B-|May not be taken concurrently))
AND (HIM 5004|Minimum Grade of B-|May not be taken concurrently)
OR HIM 5003|Minimum Grade of B-|May not be taken concurrently).

HIM 8011. Reimbursement Systems. 3 Credit Hours.
This course will examine healthcare reimbursement systems. The student will examine complex financial systems and explore the principles of reimbursement as it applies to various types of health care settings. This course will focus on reimbursement and reporting requirements and the student will become familiar with topics such as fraud and abuse, revenue cycle management, charge master, quality and safety-related reimbursement incentive models.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 8001|Minimum Grade of B-|May not be taken concurrently).

HIM 8012. Managing Health Informatics Systems. 3 Credit Hours.
This course provides an introduction to the effective management of Health Informatics systems. The course focuses on the technical foundations required for the successful management of health informatics systems initiatives with specific regards to an organization’s operational and strategic goals and stakeholders. Topics related to the use of IT as a strategic resource, strategic IT plans, the importance of stakeholders in IT programs, networking, interoperability approaches, data security, IT purchase justifications, risk assessments, IT architectures and emerging technologies will be explored.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits.

HIM 8013. Healthcare Database Management Systems Design, Development, and Analysis. 3 Credit Hours.
Modern life science organizations rely on databases for transaction management, data analysis, outcomes assessment, and to satisfy the internal needs of the organization as well as to satisfy regulatory, legal, and accrediting bodies. The goal of the course is to provide hands-on use of database management tools promoting a strong understanding of database design, data modeling and structured query language for data definition and data manipulation, and data analysis tools including pivot tables. In addition, the course will explore operational database systems versus analytic systems, the importance of database design on data integrity, data warehousing, data mining at modern health science organizations. Data formats, collection and integrity as it relates to continual performance improvement, with specific attention to practitioner performance, are also stressed.
Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 8012|Minimum Grade of B|May not be taken concurrently.
HIM 8014. Health Informatics Project Management. 3 Credit Hours.
The development of interoperable electronic health record systems has resulted in increased systems integration, convergence, and complexity. Nearly half of all IT projects fail to meet budget, schedule, and functionality. The course provides a hands-on approach to systems analysis and management of health informatics (HI) projects. Students will be introduced to the concepts of managing HI projects by focusing on initiating, planning, executing, controlling and closing projects in the context of topics such as integration, scope, timing, cost, quality, human resource, technology, communications, and risk and procurement. Students will also be provided an opportunity to analyze functional requirements for HI projects using a variety of process modeling approaches.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 8012|Minimum Grade of B|May not be taken concurrently.

HIM 8027. EHR Ethics Legl Advocacy. 3 Credit Hours.
This course focuses on privacy and confidentiality and current legislative and health policy issues for electronic health record systems (EHRS). Ethical issues related to EHRs and advocacy of patients' and consumers' needs are explored.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 8001|Minimum Grade of B-|May not be taken concurrently.

HIM 8028. Health Data Standards. 3 Credit Hours.
This course provides an introduction to the principles of healthcare interoperability and provides foundation in healthcare standardization related to: privacy, security, clinical vocabularies, data messaging, architectural framework, data content and the meaningful use of electronic health record systems (EHRs). The course explores the role of healthcare standards in supporting interoperability, patient care, research and the practice of evidence-based medicine. National and international standards development efforts are also discussed.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
HIM 8001|Minimum Grade of B-|May not be taken concurrently.

HIM 8029. Graduate Seminar. 3 Credit Hours.
Capstone seminar in which students will discuss current and emerging issues related to the EHR and to approaches to life-long learning in the discipline and career of informatics. We hope that this is a fun, high-learning yet low-keyed, interactive way of approaching the more "practical" aspects of Informatics and Health IT.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may not be repeated for additional credits
Pre-requisites:
(HIM 8001|Minimum Grade of B-|May not be taken concurrently)
AND (HIM 8011|Minimum Grade of B-|May not be taken concurrently)
AND (HIM 8027|Minimum Grade of B-|May not be taken concurrently)
AND (HIM 8028|Minimum Grade of B-|May not be taken concurrently)
AND (MIS 5001|Minimum Grade of B-|May not be taken concurrently)
OR HIM 8012|Minimum Grade of B-|May not be taken concurrently)
AND (MIS 5101|Minimum Grade of B-|May not be taken concurrently)
OR HIM 8013|Minimum Grade of B-|May not be taken concurrently)
AND (MIS 5102|Minimum Grade of B-|May not be taken concurrently)
OR HIM 8014|Minimum Grade of B-|May not be taken concurrently).

HIM 8050. Special Topics in Health Informatics. 3 Credit Hours.
This course provides students the opportunity to explore new and emerging areas in the field of health informatics, to gain a deeper understanding of a specific area within the field. This course may also be used to present areas of study not normally taught in the program.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may be repeated for additional credit.

HIM 9082. Independent Study in Health Informatics. 1 to 3 Credit Hour.
This course provides students the opportunity to work independently under the direction of a faculty advisor to gain a deeper understanding of an area in Health Informatics.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may be repeated for additional credit.
HIM 9189. Applied Project. 3 Credit Hours.
The Applied Project Field Study course serves as the Capstone Project for the Master of Science in Health Informatics. Students will develop an applied research project that focuses on a specific discipline of health informatics such as topics relating to the Electronic Health Record, Health Information Exchange, Meaningful Use, Ethical/Legal and etc.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate
Repeatability: This course may be repeated for additional credit.

Pre-requisites:
(HIM 8001|Minimum Grade of B-|May not be taken concurrently)
AND (HIM 8011|Minimum Grade of B-|May not be taken concurrently)
AND (HIM 8027|Minimum Grade of B-|May not be taken concurrently)
AND (HIM 8028|Minimum Grade of B-|May not be taken concurrently)
AND (MIS 5001|Minimum Grade of B-|May not be taken concurrently)
OR HIM 8012|Minimum Grade of B-|May not be taken concurrently)
AND (MIS 5101|Minimum Grade of B-|May not be taken concurrently)
OR HIM 8013|Minimum Grade of B-|May not be taken concurrently)
AND (MIS 5102|Minimum Grade of B-|May not be taken concurrently)
OR HIM 8014|Minimum Grade of B-|May not be taken concurrently)
AND (OTHR 8509|Minimum Grade of B-|May not be taken concurrently).