Health Information Management

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Health Information Management (HIM) is focused on the development, implementation, management, and maintenance of patient health information systems in accordance with legal, regulatory, and accrediting agencies’ requirements for health care data collection and dissemination. HIM professionals have a special role in making sure that patient information remains confidential and maintained in a manner that ensures the patient’s privacy and that health care information is secure. A career in HIM combines interests in medicine, management, information technology, electronic health record systems, and finance. HIM professionals design and manage health information systems, with special attention to quality and privacy of health information, in a wide range of settings such as hospitals, managed and ambulatory care, insurance and pharmaceutical companies, consulting firms, and public health organizations.

The Bachelor of Science in Health Information Management (BSHIM) includes classes covering six main areas:

- **Core HIM:** Health Record Documentation, Legal Aspects of HIM, Internships, Healthcare Delivery Systems, and Professional Development
- **Data Analytics:** HIM IT Fundamentals, Electronic Health Record Systems, Informatics, and Database Development and Design
- **Management:** Leadership and Strategy, Human Resources, Operations, and Project Management
- **Classification and Reimbursement:** ICD-10, CPT4, Intermediate Coding, and Reimbursement
- **Clinical Medicine:** Pathophysiology, Medical Terminology, Clinical Procedures, and Pharmacology
- **Internships:** Professional Practice Internship (one full day per week for five weeks at a facility in the Delaware Valley) and Management Internship (four weeks at a facility outside of the area where you will be participating in solving a management project at that organization). Examples of internship sites include the University of Pennsylvania Health System, Thomas Jefferson University Hospital, NYU Medical Center, and Johns Hopkins Hospital.

**Certification**

Students enrolled in the HIM program and in the last term of study are eligible to apply for and sit for the examination of the American Health Information Management Association for the nationally recognized certification as a Registered Health Information Administrator (RHIA).

Following satisfactory completion of all course requirements, the graduate is awarded the degree of Bachelor of Science in Health Information Management.

See www.ahima.org/certification/cchiim (http://www.ahima.org/certification/cchiim) for information about credentialing in Health Information Management.

**Accreditation**

The baccalaureate program in Health Information Management at Temple University is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

**Summary of Requirements**

This is an upper-level program. Admitted students begin the program in the fall of their junior year and must have at least 55 credits completed by that semester. Transfer students must have their transfer credits evaluated by the Admissions Office and must meet general and prerequisite requirements of the program.

**University Requirements**


All Temple students must take a minimum of two writing-intensive courses at Temple as part of the major. The writing-intensive courses for this major are HIM 3297 and HIM 4298.

**College Requirement**

All CPH students must complete the College Core Course, HRPR 1001 Public Health: The Way We Live, Work and Play.
Clearance Requirements

Please note the Health Information Management program requires students to complete internships at facilities both on and off the University campus. These placements may require criminal background checks, Act 33/34 clearances and perhaps a drug screen. Placements may also require the student to maintain personal health insurance. The results of these requirements may limit and potentially eliminate placement options which can, in turn, result in an inability to meet graduation requirements.

Program Requirements

Students in the HIM program are required to satisfy the following prerequisite courses (before or while applying to the program) and professional courses (after being admitted to the program). A grade of C or better is required for all prerequisite and professional courses (a grade of C- is not acceptable).

Health Information Management Prerequisites:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1013</td>
<td>Elements of Statistics</td>
<td>3</td>
</tr>
<tr>
<td>or PSY 1167</td>
<td>Foundations in Statistical Methods</td>
<td></td>
</tr>
<tr>
<td>or SOC 1167</td>
<td>Social Statistics</td>
<td></td>
</tr>
<tr>
<td>or EPBI 2219</td>
<td>Biostatistics and Public Health</td>
<td></td>
</tr>
<tr>
<td>KINS 1223</td>
<td>Human Anatomy and Physiology I ^1</td>
<td>3-4</td>
</tr>
<tr>
<td>or KINS 1221</td>
<td>Principles of Anatomy and Physiology I</td>
<td></td>
</tr>
<tr>
<td>KINS 1224</td>
<td>Human Anatomy and Physiology II ^1</td>
<td>3-4</td>
</tr>
<tr>
<td>or KINS 1222</td>
<td>Principles of Anatomy and Physiology II</td>
<td></td>
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<tr>
<td>HIM 1101</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HIM 1055</td>
<td></td>
<td>3</td>
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<tr>
<td>HPM 2214</td>
<td>Politics and Payments in US Healthcare System</td>
<td>3</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td>18-20</td>
<td></td>
</tr>
</tbody>
</table>

Health Information Management Professional Courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIM 2215</td>
<td>Health Information Management IT Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3101</td>
<td>Health Record Documentation ^2</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3106</td>
<td>Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3107</td>
<td>Health Information Management Leadership and Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3111</td>
<td>Statistics and Research in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3113</td>
<td>Healthcare Database Design and Development</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3203</td>
<td>Electronic Health Record Systems</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3208</td>
<td>International Classification of Diseases</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3216</td>
<td>Clinical Procedures and Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3271</td>
<td>Professional Development</td>
<td>1</td>
</tr>
<tr>
<td>HIM 3297</td>
<td>Health Information Management Human Resource Management (WI)</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4101</td>
<td>Health Informatics: Infrastructure and Standards</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4102</td>
<td>Legal Aspects of Health Information Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4207</td>
<td>Healthcare Quality Improvement</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4105</td>
<td>Current Procedural Terminology Coding</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4113</td>
<td>Healthcare Reimbursement Systems</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4121</td>
<td>Healthcare Data Analytics</td>
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</tr>
<tr>
<td>HIM 4202</td>
<td>Health Information Management Project Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4206</td>
<td>Intermediate Coding</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4104</td>
<td>Health Information Management Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>HIM 4286</td>
<td>Management Internship</td>
<td>4</td>
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<td>HIM 4298</td>
<td>Health Information Management Senior Seminar (WI)</td>
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<tr>
<td>Total Credit Hours</td>
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You should consult with your advisor for information on the distinctions between Anatomy and Physiology selection sequence and its implication for your degree and career goals. Satisfactory completion of the KINS 1221 and KINS 1222 sequence or the KINS 1223 and KINS 1224 sequence will meet the two-course GenEd Science and Technology requirement. Courses are similar, but not interchangeable and must be taken in the correct sequence. Students choosing the KINS 1221 and KINS 1222 sequence may need to take an additional 2-credit elective to meet credit hours degree graduation requirement. Please see a departmental academic advisor for clarification.

Electives
6 credits. Strongly recommended electives include business writing electives.

Suggested Academic Plan
Bachelor of Science in Health Information Management
Requirements for New Students starting in the 2018-2019 Academic Year

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Fall</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENG 0802, 0812, or 0902</td>
<td>Analytical Reading and Writing [GW]</td>
<td>4</td>
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<tr>
<td>GenEd Quantitative Literacy Course [GQ]¹</td>
<td>4</td>
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<tr>
<td>GenEd Breadth Course</td>
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<tr>
<td>HRPR 1001</td>
<td>Public Health: The Way We Live, Work and Play</td>
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<td>Term Credit Hours</td>
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<tr>
<td>Spring</td>
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<tr>
<td>KINS 123 or 1221</td>
<td>Human Anatomy and Physiology I (GS)²</td>
<td>3-4</td>
</tr>
<tr>
<td>IH 0851 or 0951</td>
<td>Intellectual Heritage I: The Good Life [GY]</td>
<td>3</td>
</tr>
<tr>
<td>GenEd Breadth Course</td>
<td>3</td>
<td></td>
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<tr>
<td>GenEd Breadth Course</td>
<td>3</td>
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<tr>
<td>GenEd Breadth Course</td>
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<td></td>
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<td></td>
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<table>
<thead>
<tr>
<th>Year 2</th>
<th>Fall</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GenEd Breadth Course</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>IH 0852 or 0952</td>
<td>Intellectual Heritage II: The Common Good [GZ]</td>
<td>3</td>
</tr>
<tr>
<td>KINS 1224 or 1222</td>
<td>Human Anatomy and Physiology II (GS)²</td>
<td>3-4</td>
</tr>
<tr>
<td>Select one of the following:</td>
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<td></td>
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<tr>
<td>MATH 1013</td>
<td>Elements of Statistics</td>
<td>3</td>
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<td>Foundations in Statistical Methods</td>
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<tr>
<td>EPBI 2219</td>
<td>Biostatistics and Public Health</td>
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<td></td>
<td>Term Credit Hours</td>
<td>13</td>
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| Spring | | |
| General Elective | | 3 |
| HIM 1055 | | 3 |
| General Elective | | 3 |
| HIM 1101 | Medical Terminology | 3 |
| HPM 2214 | Politics and Payments in US Healthcare System | 3 |
| | Term Credit Hours | 15 |

<table>
<thead>
<tr>
<th>Year 3</th>
<th>Fall</th>
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<tbody>
<tr>
<td>HIM 2215</td>
<td>Health Information Management IT Fundamentals</td>
<td>3</td>
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<tr>
<td>HIM 3101</td>
<td>Health Record Documentation</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3106</td>
<td>Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>HIM 3107</td>
<td>Health Information Management Leadership and Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credit Hours</td>
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<tr>
<td>------------</td>
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</tr>
<tr>
<td>HIM 3111</td>
<td>Statistics and Research in Health Care</td>
<td>3</td>
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<td></td>
<td><strong>Total Credit Hours</strong></td>
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</tr>
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**Spring**

- HIM 3113: Healthcare Database Design and Development 3
- HIM 3203: Electronic Health Record Systems 3
- HIM 3208: International Classification of Diseases 3
- HIM 3216: Clinical Procedures and Pharmacology 3
- HIM 3271: Professional Development 1
- HIM 3297: Health Information Management Human Resource Management [WI] 3

| Term Credit Hours | 16 |

**Year 4**

**Fall**

- HIM 4101: Health Informatics: Infrastructure and Standards 3
- HIM 4102: Legal Aspects of Health Information Management 3
- HIM 4105: Current Procedural Terminology Coding 3
- HIM 4113: Healthcare Reimbursement Systems 3
- HIM 4121: Healthcare Data Analytics 3
- HIM 4207: Healthcare Quality Improvement 3

| Term Credit Hours | 18 |

**Spring**

- HIM 4202: Health Information Management Project Management 3
- HIM 4104: Health Information Management Operations Management 3
- HIM 4206: Intermediate Coding 3
- HIM 4286: Management Internship 4
- HIM 4298: Health Information Management Senior Seminar [WI] 3

| Term Credit Hours | 16 |

**Total Credit Hours:** 123

A grade of C or better is required to satisfy ALL prerequisite and professional course requirements. Grades below a C will not be accepted.

**Note: All professional courses are offered only once a year.**

1. MATH 0823 or MATH 0824 is strongly recommended.
2. You should consult your advisor for information on the distinctions between the anatomy and physiology selection sequence and its implication for your degree and career goals. Satisfactory completion of the KINS 1221 and KINS 1222 sequence or the KINS 1223 and KINS 1224 sequence will meet the two-course GenEd Science & Technology requirement. These courses are similar but not interchangeable. Courses must be taken in the correct sequence. Students choosing KINS 1221 and KINS 1222 may need to take an additional 2 credit elective to meet credit hour degree requirements as well as annual progress requirements. Please see your advisor for clarification.
3. Indicates writing capstone for major.

**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 conversions 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.

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 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 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 STT6 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 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 HIM3 Y|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 3216. Clinical Procedures and Pharmacology. 3 Credit Hours.
The course is designed to develop an understanding of pharmacology and the 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. 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 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 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 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.

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 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.

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 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.

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 3101|Minimum Grade of C|May not be taken concurrently)
AND (HIM 2203|Minimum Grade of C|May not be taken concurrently)
OR HIM 2Y|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, and workflow process redesign within the context of health information systems 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 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 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 2Y|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 4202. Health Information Management Project Management. 3 Credit Hours.
Managing EHRS 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 EHRS 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.

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 4286. Management Internship. 4 Credit Hours.
Intensive professional practice 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)
AND (HIM 4207|Minimum Grade of C|May not be taken concurrently)