

# Health Informatics and Information Management

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## Degree Offered

- Associate of Arts

## Nature of Program

The associate degree program in Health Informatics and Information Management (HIIM) was recently approved in the Spring of 2018. HIIM is an integration of healthcare management, business management, and information systems technology. HIIM professionals possess a unique blend of knowledge, skills, and competencies related to the complex and ever-evolving healthcare industry, including healthcare systems organization; workflow and delivery processes; healthcare privacy and security; policy and finance; data management; compliance; clinical documentation improvement; and quality healthcare outcomes and improvement processes.

The associate degree in HIIM provides the first two years of the bachelor's degree program. The goal of the program is to prepare students to transfer into a bachelor's program or to gain entry level positions within the healthcare system. Graduates with the associate degree in HIIM will also be able to take a coding certification exam offered by the American Health Information Management Association (AHIMA).

## Career Opportunities

An associate degree in HIIM prepares students to gain entry level positions or transfer into a baccalaureate program. Students graduating with a degree in HIIM are prepared for roles in a wide variety of job settings, such as hospitals or a physician's office. Careers are available in healthcare privacy and security, health informatics/data analysis, clinical documentation improvement, operations/administration, and revenue cycle management (clinical coding and billing).

Medical records and health information technicians earned a median salary of \$39,180 per year and medical and health services managers (bachelor's degree) earned a median salary of \$98,350 in 2017 according to the U.S. Bureau of Labor Statistics.

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## FACULTY

### CHAIR

- Vlcki Huffman - Ph.D. Biomedical Science

## General Education Foundations

Please use this link to view a list of courses that meet each GEF requirement. (<http://registrar.wvu.edu/gef>)

NOTE: Some major requirements will fulfill specific GEF requirements. Please see the curriculum requirements listed below for details on which GEFs you will need to select.

### General Education Foundations

F1 - Composition & Rhetoric		3-6
ENGL 101 & ENGL 102 or ENGL 103	Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research Accelerated Academic Writing	
F2A/F2B - Science & Technology		4-6
F3 - Math & Quantitative Skills		3-4
F4 - Society & Connections		3
F5 - Human Inquiry & the Past		3
F6 - The Arts & Creativity		3
F7 - Global Studies & Diversity		3
F8 - Focus (may be satisfied by completion of a minor, double major, or dual degree)		9
Total Hours		31-37

Please note that not all of the GEF courses are offered at all campuses. Students should consult with their advisor or academic department regarding the GEF course offerings available at their campus.

## Curriculum Requirements

GEF Requirements		3
WVUE 191	First Year Seminar	1
A grade of C- or higher must be earned in all graded courses required for the major		
Minimum GPA of 2.5 required		
ENGL 101	Introduction to Composition and Rhetoric (GEF 1)	3
ENGL 102	Composition, Rhetoric, and Research (GEF 1)	3
BIOL 102 & BIOL 104	General Biology and General Biology Laboratory (GEF 2B)	4
CS 101	Intro to Computer Applications (GEF 8)	4
Program Requirements		
STAT 111	Understanding Statistics (GEF 3)	3
PATH 200	Medical Terminology	3
BIOL 230	Human Anatomy and Physiology 1	4
BIOL 231	Human Anatomy and Physiology 2	4
Major Requirements		
HIIM 110	Introduction to U.S. Healthcare Delivery System	3
HIIM 112	Fundamentals of Health Information Management	3
HIIM 231	Health Information Management Applications	2
HIIM 233	Health Informatics and Information Management Disease Fundamentals and Management	3
HIIM 235	Coding and Classification of Diseases	3
HIIM 237	Introduction to Professional Practice	1
HIIM 240	Classification of Healthcare Procedures	3
HIIM 242	Healthcare Reimbursement and Revenue Cycle Management	2
HIIM 244	Principles of Health Informatics and Information Management Quality Management	2
HIIM 246	Fundamentals of Clinical Documentation Improvement	3
HIIM 247	Registries in Healthcare	2
HIIM 248	Health Informatics and Information Management Professional Practice 1	1
Total Hours		60

## Suggested Plan of Study

### First Year

Fall	Hours Spring	Hours
WVUE 191	1 ENGL 102 (GEF 1)	3
CS 101 (GEF 8)	4 BIOL 230	4
ENGL 101 (GEF 1)	3 STAT 111 (GEF 3)	3
HIIM 110	3 PATH 200	3
BIOL 102 & BIOL 104 (GEF 2)	4 HIIM 112	3
	15	16

### Second Year

Fall	Hours Spring	Hours
HIIM 231	2 HIIM 240	3
HIIM 233	3 HIIM 244	2
HIIM 235	3 HIIM 246	3
HIIM 237	1 HIIM 247	2
HIIM 242	2 HIIM 248	1
BIOL 231	4 GEF Elective (4, 6, 7 or 8)	3
	15	14

Total credit hours: 60

## Major Learning Outcomes

### HEALTH INFORMATICS AND INFORMATION MANAGEMENT

Upon completion of the associates in health informatics and information management program, students will be able to:

- Use medical vocabularies and classification systems and define data and retrieve information from computer-based patient record systems using vocabularies and classification systems.
- Apply reimbursement strategies related to various delivery systems.
- Utilize systems and strategic planning, integrate and maintain information resources, and describe acquisition and implementation of systems.
- Manage the implementation of systems necessary to support the computer-based patient record and other systems implementation projects.
- Transfer into a bachelor's HIIM program.
- Obtain an AHIMA Certified Coding Associate (CCA) certificate.