Master of Science in Health Informatics and Information Management

College of Allied Health Sciences

East Carolina UNIVERSITY

NYHIMA
AHIMA Affiliate
New York Health Information Management Association

AGENDA

1. Definitions of Health Information and Health Informatics
2. Graduate Programs in the Health Services and Information Management Department
3. Job Outlook, Job Opportunities, and Career Map
4. Admission Requirements
5. Program Details
6. Scholarships and Graduate Assistantship Opportunities
7. How to Apply

What is Health Information Management?

- It is the practice of acquiring, analyzing, and protecting digital and traditional medical information vital to providing quality patient care.

- HIM professionals are highly trained in the latest information management technology applications and understand the workflow in any healthcare provider organization from large hospital systems to the private physician practice.

- HIM professionals are vital to the daily operations management of health information and electronic health records.

What is Health Informatics?

- To understand health informatics, it is first necessary to understand the term informatics, which Hersh (2009) defines as: "the acquisition, storage and use of information."

- Health Informatics is a field that makes "optimal use of information, often aided by the use of technology, to improve individual health, health care, public health, and biomedical research."

- A person who practices health informatics is commonly known as an informatician or informaticist.

College of Allied Health Sciences HSIM Graduate Programs

- **MS in Health Informatics and Information Management**
  - HI track (thesis and internship)
  - RHIA track
- **Health Informatics Certificate Program**
- **RHIA Certificate Program**

Job Outlook for HIIM Professionals

Health informatics and information management (HIIM) is a fast-growing field in the health care industry. It is a program that combines clinical knowledge with information technology, business management, law, and finance. Because of this, degree-holders can choose from a range of job domains across the healthcare industry. If you are eyeing to take this program, an exciting career awaits you in the future as **the demand for professionals in this field is expected to rise soon. In fact, the United States' Bureau of Labor Statistics forecasts that jobs related to this degree will rise by 20 percent between 2008 and 2016. Maybe just include bold type section on slude but certainly can refer to other content on slide in your talk.**

http://financeandcareer.com/what-can-you-do-with-a-degree-in-health-informatics-and-information-management/

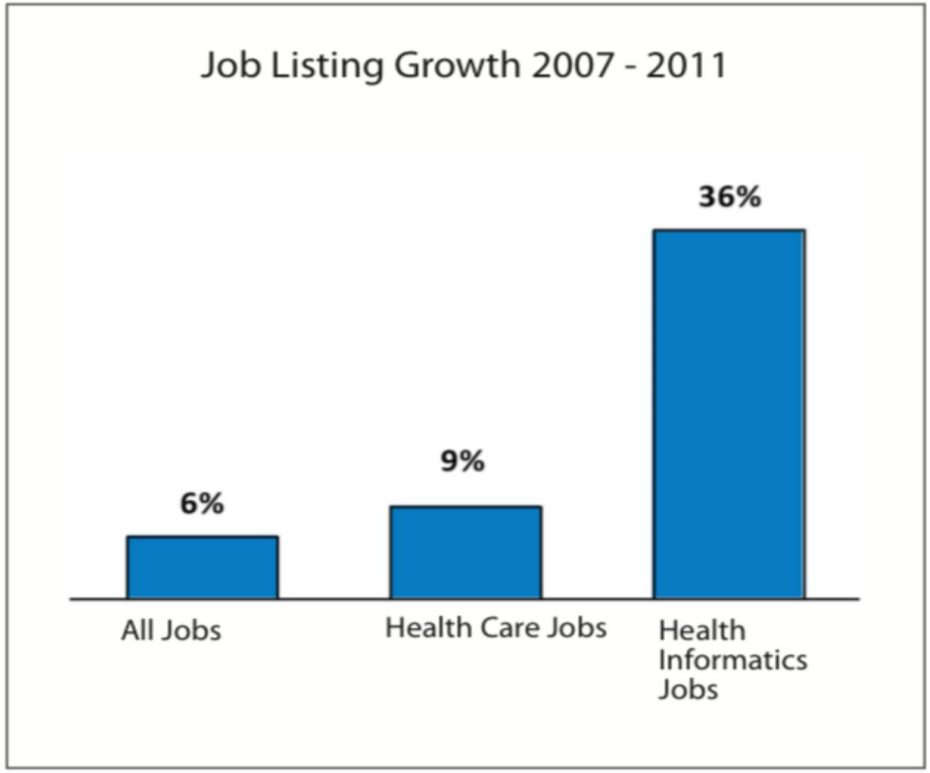
A recent study shows clinical informatics skills are most important.

DATA POINTS

What Do Health Care Providers Say Are The Most Important Skills To Achieve Their IT Priorities?

Among surveyed health care providers, 37% say that clinical informatics skills are the most important to help their organization achieve its IT priorities, and 28% say that systems and data integration skills are the most crucial, according to a report from PricewaterhouseCoopers' Health Research Institute.

Health Informatics (HI) Job Growth



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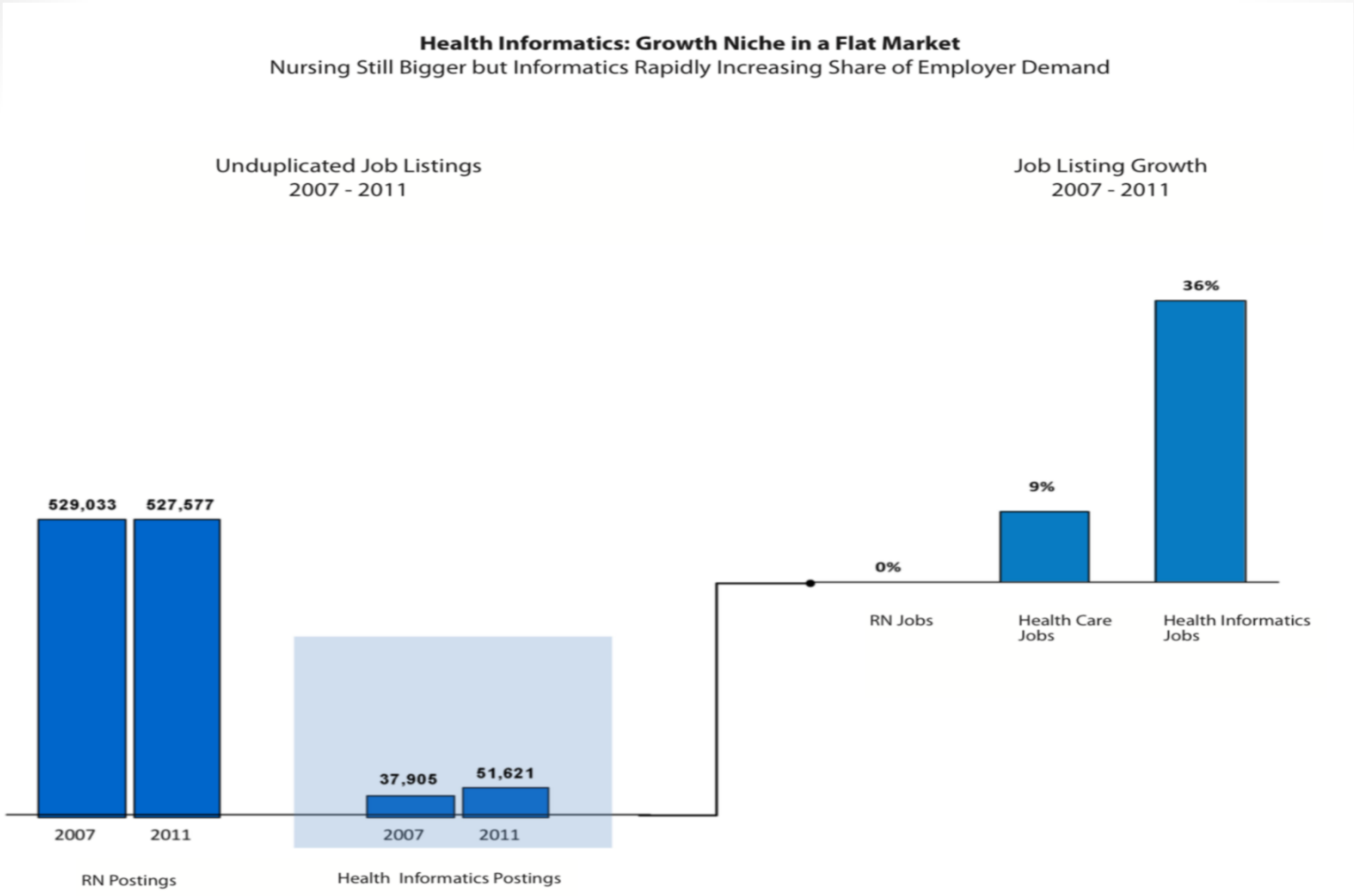

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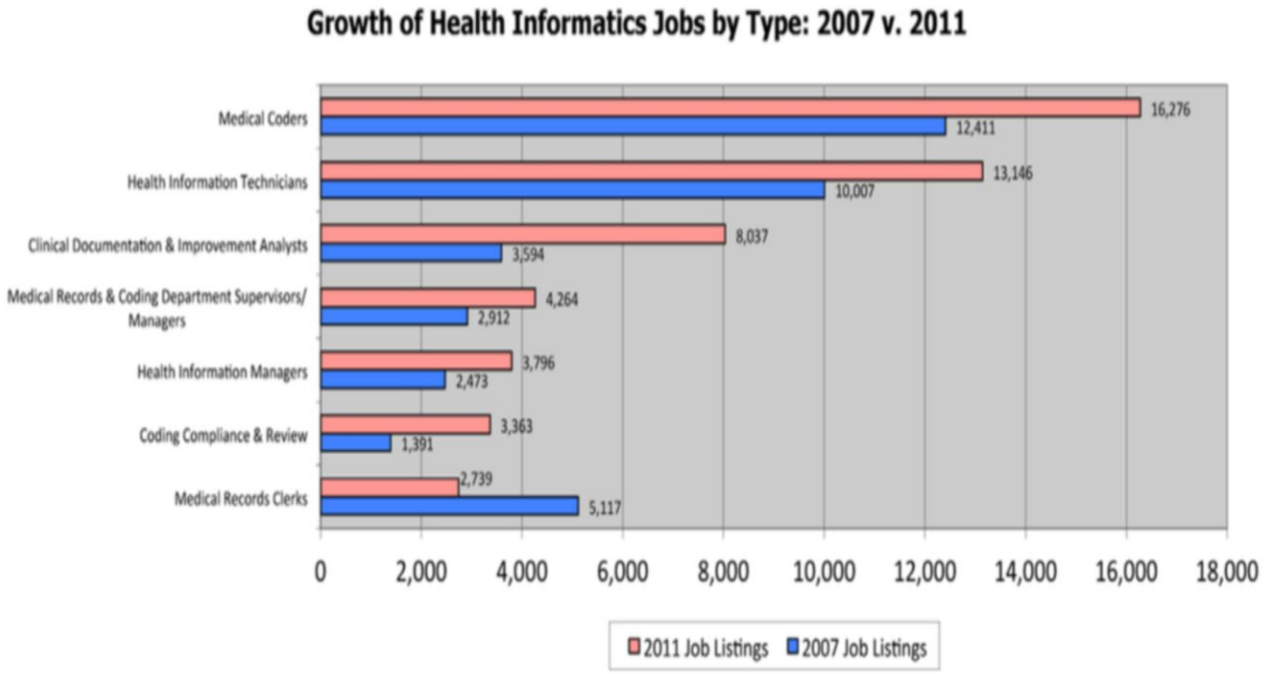
Growth of HI Jobs by Type



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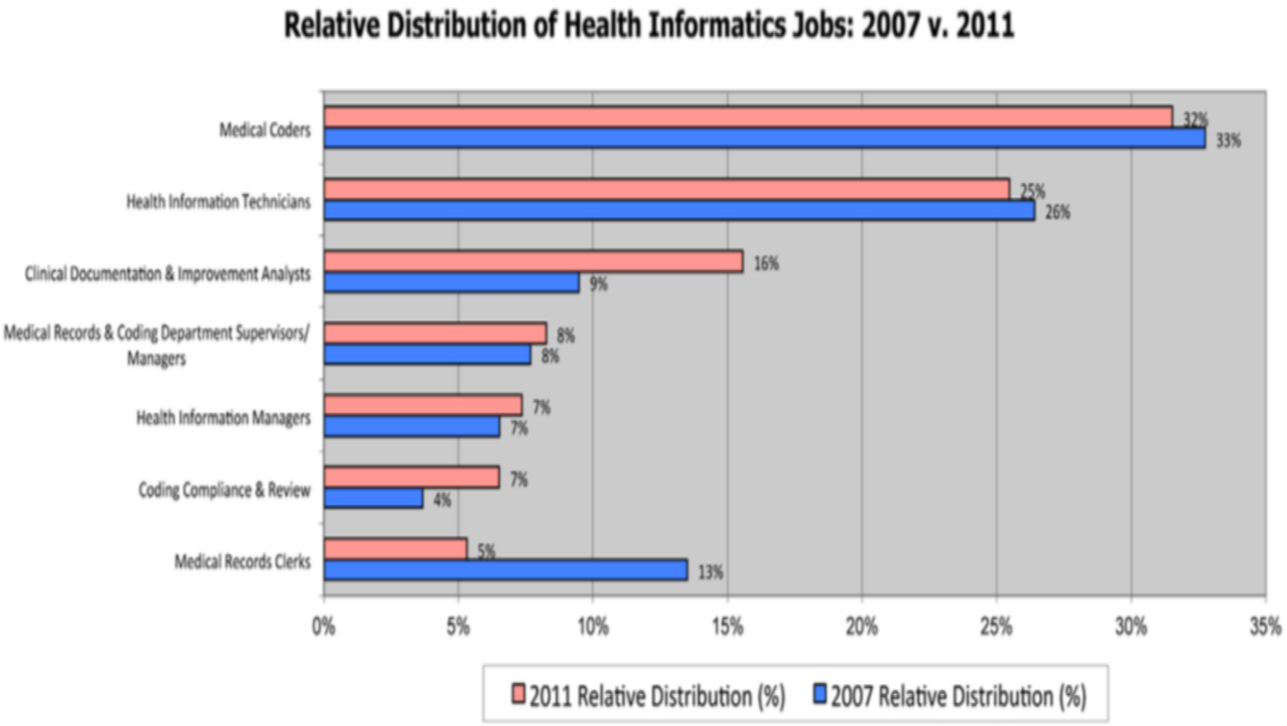
Relative Distribution of HI Jobs



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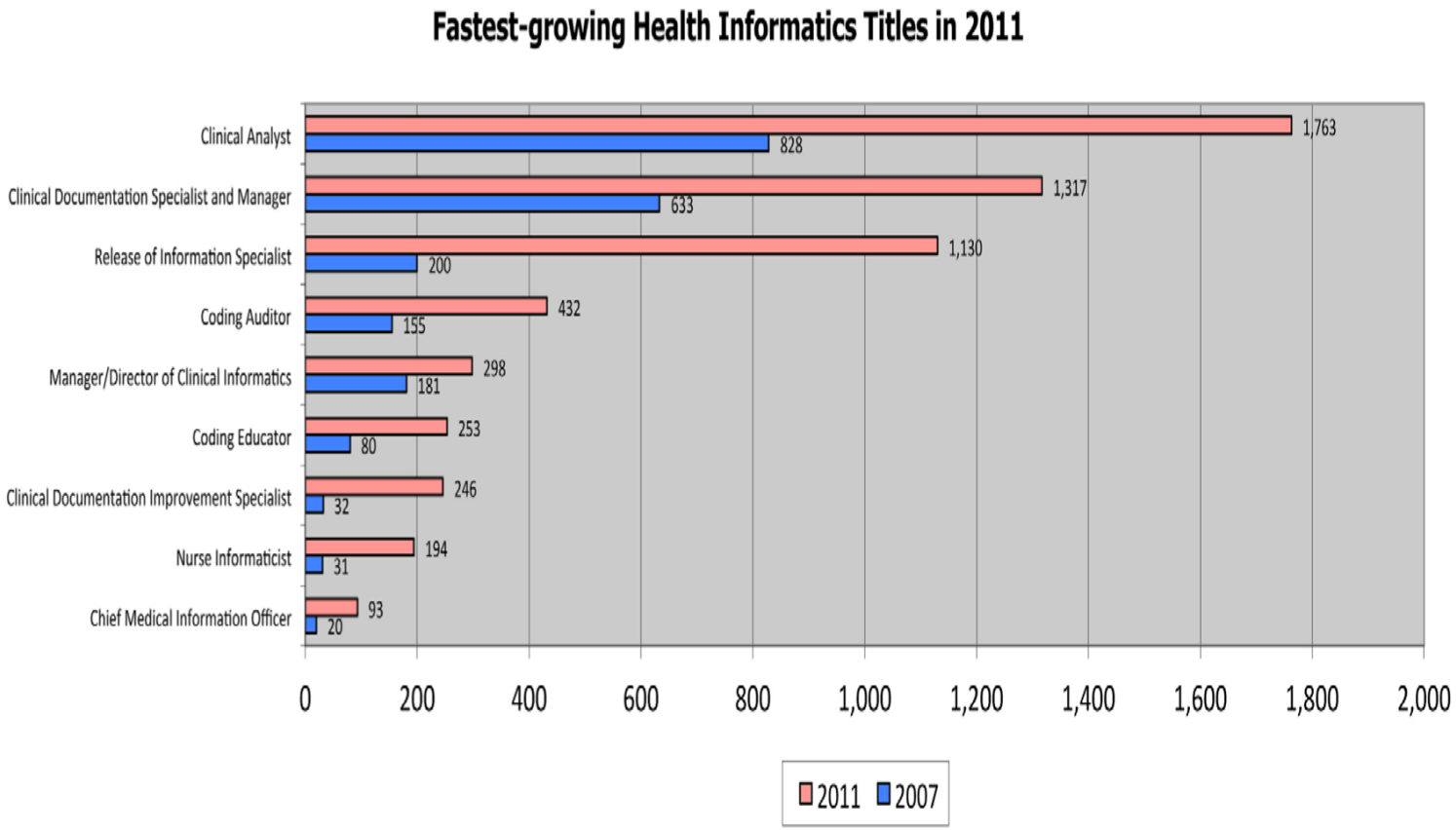
Fastest-growing HI Titles in 2011



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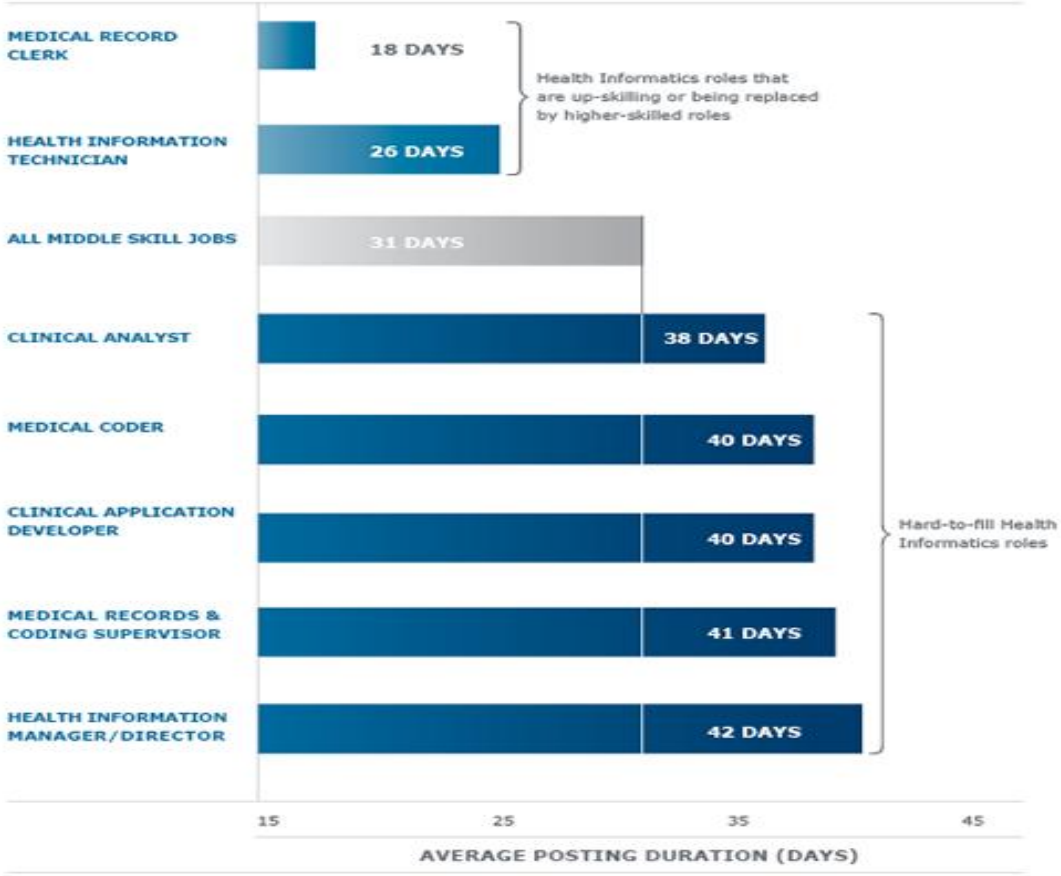
AVERAGE POSTING DURATION FOR HEALTH INFORMATICS POSITIONS



SOURCE: BURNING GLASS TECHNOLOGIES

Job Opportunities

- Health information managers
- Quality improvement specialists
- Designers and planners for enterprise health information systems
- Health information security and privacy officers
- Chief information officers for health care enterprises
- Positions in private sector organizations such as medical software companies, pharmaceutical firms, and health care consulting firms
- Positions in government and education, training, and leadership roles in academic health information technology programs in 2 year community colleges

American Health Information Management Association's Career Map

http://hicareers.com/careermap/

Tuition Comparison

ECU named 'Best Bang for the Buck' in the Southeast by "The Other College Guide: A Road Map to the Right School for You"

http://www.ecu.edu/cs-admin/news/bestbang.cfm

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Admission Requirements

- Undergraduate degree in health sciences or Computer/information sciences or business
  - ≥1 statistics course in previous 5 yrs
  - ≥1 computer programming course in previous 5 yrs
- Acceptable scores on the GRE or GMAT or official ECU transcript that documents completion of the Health Informatics or RHIA certificate program with a minimum 3.5 GPA
  - HI and RHIA certificate courses will transfer into the MS in HIIM program upon admission to the program

Program Details

- Students can begin the programs in the Fall or Spring.
- HI track (thesis or internship) is 39 s.h.; and the RHIA track is 45 s.h.
- The program can be completed in 2–2½ years for full-time students taking 3 courses per semester and who take courses during the summer terms.
- Part time students taking 2 courses per semester may need 3-3½years to complete the program.
- Again this depends on whether the student takes courses during the summer.
- Typical class size is 5 to 25 students.

Curriculum and Course Plans

Health Informatics		RHIA	
COHE 6440	eHealth Care Information Systems	COHE 6310	Health Care Accounting and Financial Administration
COHE 6450	Decision Support in Health Care	COHE 6460	Classification Systems
COHE 7000	Thesis	COHE 6640	Management of Health Information Services
OR		BIOS 7021	Biostatistics for Health Profesisonals
COHE 6803	Internship in Health Informatics and Information Management	COHE 6803	Internship in Health Infomratics and Information Management
CORE			
COHE 6410	Electronic Health Records	COHE 6490	Foundations of Health Information Technolgoies
COHE 6420	Evaluation Methods in Health Informatics	COHE 6510	Social and Organizational Issues of Health Information Technologies
COHE 6430	Database Systems in Health Care	COHE 6630	Quality Management in Health Care
COHE 6470	Health Information Privacy and Security	HIMA 6060	Theories and Applications
COHE 6480	Health Data Structure	COHE 6550	Health Informatics Project Design and Management
FOUNDATION (Optional)			
COHE 6000 Health Care Systems and Problems			

Internships

- The HI internship and RHIA tracks require an internship
- Faculty helps student find a site if needed
- Type of internship projects

Scholarship and Graduate Assistantship Opportunities

- Scholarships
  - Healthport Scholarship (MS in HIIM)
  - Peggy Wood Scholarship (MS in HIM, RHIA option)
  - CAHS Scholarships

  http://www.ecu.edu/cs-dhs/ah/students.cfm
  - AHIMA Merit Scholarship
  - NCHIMA Scholarship

- Graduate Assistantships
  - Based on availability

Life as a Graduate Student

- How can I succeed as an online graduate student?
- What is the course load like?
- Can I work while I'm in the program?
- What type of support does the faculty provide?

In summary, graduates will be …

"Getting the right information to the right person at the right time"

How Do I Apply?

- Complete Graduate School Application (www.ecu.edu/gradschool/)
- Complete MS in HIIM Supplemental Application
- Application deadline
  - Fall semester: May 1
  - Spring semester: October 15

What Do I Need to Apply?

- Bachelor's degree
- ALL transcripts - GPA
- Prerequisites
- GRE or GMAT scores or official ECU transcript that documents completion of the Health Informatics certificate or RHIA certificate program with a minimum 3.5 GPA
- Three Letters of Recommendation
- Resume
- Personal Statement
- Fee for Graduate School Application

Bachelor's Degree

- Must be completed prior to beginning MS in HIIM program
- Undergraduate degree in any discipline
- Often students will try to complete a degree that overlaps with prerequisites

Transcripts

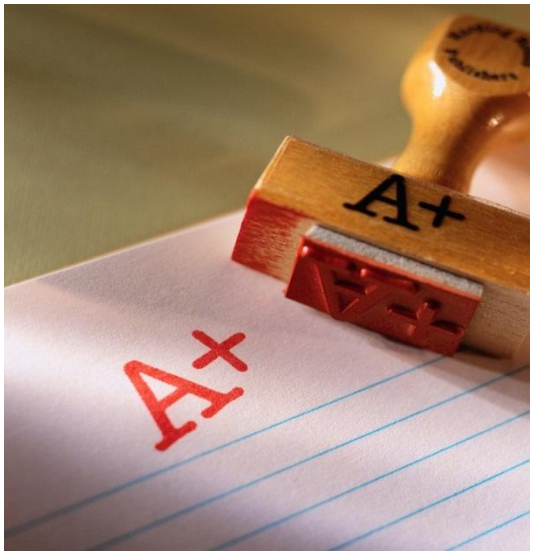
- Submit all official transcripts with Graduate School application
- GPA
  - Minimum 3.0
  - Average 3.5

Prerequisites

- Introduction to Statistics
- Introduction to Computer Programming

GRE

- Verbal ~ ≥ 147
- Quantitative ~ ≥ 148
- Writing 3.5
- Average composite score
- ≥ 30th percentile



Source: http://www.ets.org/s/gre/pdf/gre_guide_table1a.pdf

Reference Letters

- Three required
- Suggestions:
  - Employer
  - Academic advisor
  - Professor
- You supply contact information

Personal Statement

- A statement of purpose outlining the goals for pursuing a graduate education in health informatics and information management.
- Suggestions:
  - Discuss you education and/or employment background and how you decided to pursue the MS in HIIM degree. Sell yourself to us.

Fee

- Application to Graduate School will NOT be processed until fee is paid.

Questions or Comments?

Contact Information

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Director, MS in HIIM program

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http://www.ecu.edu/cs-dhs/hsim/hiim.cfm

Drawing from completed survey form