

HEALTH INFORMATICS AND INFORMATION MANAGEMENT, MASTER OF SCIENCE (MS)

Program Learning Outcomes

- **Outcome 1: Protect Health Information (Access, Use, Disclosure, Privacy, and Security (G1, G2, G3))**
 - Develop privacy strategies.
 - Develop security strategies.
 - Determine compliance considerations throughout the health information life cycle.
- **Outcome 2: Develop Healthcare Leadership Skills (G1, G2, G3)**
 - Leverage fundamental leadership skills
 - Recommend strategies for organizational change.
 - Determine human resource strategies for organizational best practices.
 - Formulate data-driven decisions to meet strategic goals.
 - Recommend financial management processes.
 - Recommend strategies that promote cultural diversity.
 - Develop strategies based on ethical standards of practice.
 - Assess consumer engagement activities.
 - Propose a training program for a health care work force.
 - Recommend project management methodologies to meet the intended outcome.
- **Outcome 3: Utilize Health Informatics, Analytics, and Data Skills (G1, G2, G3)**
 - Recommend solutions using health informatics strategies.
 - Perform the data analysis of health information within a statistical application.
 - Present data visually through a computerized application.
 - Propose a research initiative for organizational effectiveness.
 - Create organizational knowledge with database management techniques.
 - Recommend organizational strategies in relation to the exchange of health information.
- **Outcome 4: Utilize Data Structure, Content, and Information Governance Skills (G1, G2, G3)**
 - Assess health care delivery systems across diverse stakeholder perspectives.
 - Develop strategies for the management of information.
 - Develop strategies to achieve data integrity with data governance standards.
 - Integrate health record requirements across the health industry.
 - Analyze classification systems, clinical vocabularies and nomenclatures and the impact on the health care continuum.
 - Design data dictionaries in compliance with governance standards.
- **Outcome 5: Manage Healthcare Revenue Cycle (G1, G2, G3)**
 - Evaluate assignment of diagnostic and procedural codes and groupings in accordance with official guidelines
 - Manage components of revenue cycle
 - Evaluate compliance with regulatory requirements and reimbursement methodologies

- **Outcome 6: Comply with Healthcare Regulations (G1, G2, G3)**
 - Assess legal processes impacting health information.
 - Develop strategies for compliance with external forces.
 - Evaluate risk management strategies across the health continuum.
 - Evaluate the impact of policy on health care.
 - Develop strategies for detecting and preventing fraud.

RELATED LINKS

[Health Informatics and Information Management, MS Program Page](#)

[Health Information Management Fact Sheet](#)

[Professional Licensure/Certification Page \(https://www.sru.edu/students/student-consumer-information/professional-licensure/\)](https://www.sru.edu/students/student-consumer-information/professional-licensure/)

Curriculum Guide

- Overall/Major GPA: 3.00 or higher

| Code | Title | Hours |
|--------------------------------|---|-----------|
| CPSC 602 | Introduction to Health Informatics | 3 |
| CPSC 605 | Data Mining and Data Analysis | 3 |
| CPSC 620 | Healthcare Ethics, Law, Privacy and Information Assurance | 3 |
| CPSC 623 | Database Systems, Modeling and Security | 3 |
| HIM 605 | Health Information Vocabularies and Clinical Terminologies | 3 |
| HIM 620 | Financial Management for Health Professionals | 3 |
| HIM 630 | Healthcare Quality Management and Documentation Improvement | 3 |
| HIM 645 | Leadership for Health Systems | 3 |
| MIS 603 | Healthcare Information Systems | 3 |
| Select one from the following: | | 3 |
| CPSC 720 | Health Informatics Capstone | |
| CPSC 750 | Informatics Internship | |
| HIM 650 | Applied Research Project | |
| Total Hours | | 30 |

Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

Major Code: Health [Informatics and](#) Information Management, MS 9110
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