

## Program Assessment Plan for Health Informatics, MS

### Program Mission

The Master of Science in health Informatics will provide graduates with a firm understanding of an emerging discipline located at the intersection of information science, computer science, medicine, and healthcare. The focus will be on the resources, devices, and methods required to optimize the acquisition, storage, retrieval, and use of information in health and biomedicine. The program will explore a number of health informatics tools that include not only computers but also clinical guidelines, formal medical terminologies, and information and communication systems. Graduates will understand how health informatics applies to the areas of nursing, clinical care, dentistry, pharmacy, public health, occupational therapy, physical therapy, and bio-medical research.

### Curriculum

**Key Courses And Assignments** This program is under development. Thus far, the first two courses, HINF 520 and HINF 530 have been developed.

## Program Learning Outcomes to be Assessed

PLO		ILOs to which the PLOs map
	11. Graduates will demonstrate an understanding of the fundamentals of data base management and knowledge management and apply this knowledge to health informatics	

Year:

Is the evidence Direct or Indirect

Where in the program does the evidence reside?

What tools are necessary to collect evidence? (Rubrics, Portfolio, Embedded Exam Questions etc.)

Benchmarks

ListOfSources

## Program Learning Outcomes to be Assessed

PLO	10. Graduates will demonstrate the ability to use existing and emerging information technologies (such as information retrieval and data mining) to assist with the collection, organization, interpretation, and analysis of health-	ILOs to which the PLOs map
Year:		
Is the evidence Direct or Indirect		
Where in the program does the evidence reside?		
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## Program Learning Outcomes to be Assessed

PLO	9. Graduates will demonstrate the capacity to facilitate communication among health professionals, health administrators, and IT professionals in the development of computer-based health information solutions and recognize	ILOs to which the PLOs map
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Year:

Is the evidence Direct or Indirect

Where in the program does the evidence reside?

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## Program Learning Outcomes to be Assessed

PLO	8. Graduates will demonstrate an understanding of how legal, safety, and privacy issues apply to the encryption of patient data, patient ownership of electronic data, health information policy, and government	ILOs to which the PLOs map
Year:		
Is the evidence Direct or Indirect		
Where in the program does the evidence reside?		
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## Program Learning Outcomes to be Assessed

PLO		ILOs to which the PLOs map
	7. Graduates will demonstrate the ability to initiate a data recovery plan in the advent of a system shutdown and to manage related issues when a third party is responsible for information technology infrastructure	

Year:

Is the evidence Direct or Indirect

Where in the program does the evidence reside?

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## Program Learning Outcomes to be Assessed

PLO	6. Graduates will demonstrate effective team-oriented communication skills that lead to a change in a management approach, a product selection and implementation, hardware or software update requirements, or the	ILOs to which the PLOs map
Year:		
Is the evidence Direct or Indirect		
Where in the program does the evidence reside?		
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## Program Learning Outcomes to be Assessed

PLO		ILOs to which the PLOs map
	5. Graduates will demonstrate an understanding of the theoretical knowledge base of health informatics; the ability to apply this knowledge to create value propositions, engage in data mining, and the skill to evaluate usability/HCI to	

Year:

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## Program Learning Outcomes to be Assessed

PLO	4. Graduates will demonstrate continued information mastery skills to identify legal implications for evolving technologies (e.g. email consultations, tele-health, national electronic health record, privacy issues, roles of encryption	ILOs to which the PLOs map
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Year:

Is the evidence Direct or Indirect

Where in the program does the evidence reside?

What tools are necessary to collect evidence? (Rubrics, Portfolio, Embedded Exam Questions etc.)

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## Program Learning Outcomes to be Assessed

PLO	3. Graduate will demonstrate leadership skills designed to assist health professionals and organizations in the transition to the paperless patient record and national electronic health record	ILOs to which the PLOs map
Year:		
Is the evidence Direct or Indirect		
Where in the program does the evidence reside?		
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## Program Learning Outcomes to be Assessed

PLO	2. Graduate will demonstrate mastery of the electronic health record in achieving "meaningful use" (e.g. e-prescribing, quality reporting, results checking, updating past history, recall systems, searching patient databases,	ILOs to which the PLOs map
Year:		
Is the evidence Direct or Indirect		
Where in the program does the evidence reside?		
What tools are necessary to collect evidence? (Rubrics, Portfolio, Embedded Exam Questions etc.)		
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## Program Learning Outcomes to be Assessed

PLO	1. Graduates will demonstrate expertise in identifying and using information and evidence based studies to support current practice	ILOs to which the PLOs map
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Year:

Is the evidence Direct or Indirect

Where in the program does the evidence reside?

What tools are necessary to collect evidence? (Rubrics, Portfolio, Embedded Exam Questions etc.)

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