LOMA LINDA UNIVERSITY

School of Allied Health Professions

M.S. Health Informatics (online or on-campus)

The dynamics within the healthcare industry are creating an information intensive environment that professionals must navigate as they deliver healthcare to patients. Clinical and non-clinical professionals in this industry will be required to be knowledgeable and proficient in the development and usage of information technology. Effectively and efficiently managing the valuable asset of information will predicate the future success or failure of healthcare organizations. This curriculum blends the topics of leadership, system theory and management, technology, data management, data analytics, and regulatory constraints to prepare graduates for critical leadership roles in healthcare organizations. As informatics leaders, graduates will assist in developing information systems in healthcare that positively influence patient care at an individual, local and national level.

Prospective students would come from a variety of education backgrounds, including, but not limited to, health information management, nursing, radiology, patient financial services, health care government agencies, clinical and administrative decision support, computing services, and pharmacy.

JOB OPPORTUNITIES
As the healthcare industry develops, under vastly expanding regulatory mandates, there is a need for information systems to meet the needs of all stakeholders and the need to educate health informatics professionals will steadily increase. The American Medical Informatics Association (AMIA) boasts a membership of over 4000 members dedicated to advancing the health care industry through the deployment and diffusion of technology into the health care process. AMIA projects a need for more than 50,000 new health IT workers in the next five to seven years (http://www.amia.org). Additionally, the Bureau of Labor Statistics expects the job outlook for Health Service Managers to increase at a rate of 20% between 2016-2026.

Employment opportunities upon completion would include a variety of challenging prospects, including, hospitals, clinics, health information exchanges, elevated managerial roles, system development, application specialist, project management, electronic health record system specialists, clinical decision support, database administrators, clinical documentation specialists, and consultants.

PROGRAM MISSION
Our purpose is to prepare our graduates to be competent health informatics professionals through excellence in instruction, project execution, advisement, and mentoring with an emphasis on global service.

- Educating competent health informatics professionals.
- Promoting the health informatics profession.
- Extending the current knowledge of health informatics professionals at neighboring healthcare facilities.
- Challenging students and department faculty to maintain high standards of ethical and professional behavior.
- Encouraging students and faculty to seek a meaningful relationship with God and a balanced Christian lifestyle

PROGRAM LEARNING OUTCOMES
Upon completion of the program, students will be able to demonstrate the ability to:
- Conduct information system analysis, design, implementation and management.
- Evaluate data structure, function and transfer of information, socio-technical aspects of health computing, and human-computer interaction.
- Recommend information technology, including but not limited to, computer networks, databases and system administration, security and programming.
- Develop effective verbal and written communications
- Ensure successful project management
- Assess quality and performance issues in healthcare using data analytics and performance improvement tools

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ADMISSIONS REQUIREMENTS

1. Provide evidence of completion of a bachelor's degree from an accredited U.S. college or university or the foreign equivalent of a bachelor's degree.
2. Provide three letters of recommendation that indicating strong academic background and professional readiness.
3. Interview, if deemed necessary.
4. Complete the LLU application, including personal statement, and submit application fee by August 1 for consideration to begin in the Fall.
5. 3.0 GPA or higher. The Graduate Record Exam (GRE) may be requested for GPAs below a 3.0.

International Students & Scholars: The program *does not* qualify for an international student seeking the F1 visa. Please visit the following page to locate requirements related to English Proficiency exams, Transcript Evaluations, and Visas: https://home.llu.edu/education/how-apply/international-students-scholars

TUITION COSTS

Tuition and fees are generally updated before Summer Quarter. Actual tuition is subject to minor fluctuations from year to year. For information on financial aid, please visit the Financial Aid's website at: http://www.llu.edu/students/financial-aid.

48 TOTAL UNITS x $701 per unit = $33,648	
On Campus	**Online**
+Enrollment Fees: $905/quarter	+Enrollment Fees: $0/quarter
Total Cost: $39,078	**Total Cost: $33,648**
Average Cost per quarter: $6,513	**Average Cost per quarter: $5,608**

PROGRAM OUTLINE

The courses for the entire Master's of Science degree in Health Informatics program is outlined below for full-time students. *Note for on-campus applicants: Cohorts that do not meet the minimum enrollment of four students will be transitioned to the exclusively online modality.

Fall 2020	Winter 2021	Spring 2021
HLIF 510 Health-Care Information Systems (4) HLIF 515 The U.S. Health-Care System (3)	HLIF 548 Human Computer Interactions (2)* HLIF 565 Technical Structures in Health Informatics (3) AHRM 514 Biostatistics (3)	HLIF 525 Management of Data & Information (2) HLIF 545 System Design, Implementation and Management (3)* AHCJ 555 Writing for the Healthcare Professionals (3)
Unit Total: 8	**Unit Total: 8**	**Unit Total: 8**
Fall 2021	**Winter 2022**	**Spring 2022**
HLIF 526 Quality and Performance Improvement (2)* HLIF 530 Data Analytics and Decision Support (3) HLIF 555 Healthcare Vendor and Project Management (2)	HLIF 520 Data Management: Modeling and Development (3) HLIF 550 Systems Security in Health Care (2) REL- 5—Religion Course (3)	HLIF 540 Leadership Perspectives and Practice (4) HLIF 570 Professional Portfolio (2) **CHOOSE:** HLIF 575 Capstone: Project and Special Topics in Health Informatics* **-OR-** HLIF 584 Professional Practicum & Seminar (2)
Unit Total: 8	**Unit Total: 8**	**Unit Total: 8**
		Program Total: 48

*Designates a course only offered in the online modality; on-campus students will take this course in the online modality.

If you have qny questions or comments about this program, please contact:
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updated 07/01/20