

MASTER OF HEALTH INFORMATICS MANAGEMENT

Program Director: Dr. Stephanie Ferguson

This master’s program is designed for individuals desiring to develop skills in the acquisition, assessment, and use of health-related data to improve patient care. The program will integrate healthcare information technology, business principles, and leadership theory in the provision of quality, high value healthcare. The curriculum is focused on active learning with direct application to current challenges in a variety of health-care settings, locally and globally.

Objectives:

1. Application of healthcare information technology to improve outcomes and add business value to healthcare.
2. Integration of health data management, health information policy information systems, and administrative and clinical workflow to a health related challenge.
3. Development of advanced operational management essentials and leadership to ensure accurate medical record and cost-effective information processing
4. Application of healthcare informatics to enhance the provider, patient, and business experience to deliver better systems of care, including but not limited to DBA, clinical analyst, project management, and organizational and business strategy.

Required Courses:			Hours
HIM	601	Introduction to Health Informatics	3
HIM	605	Healthcare System Management	3
HIM	607	Healthcare Financial Management	3
HIM	610	Health Services Management and Strategy	3
HIM	625	Management of Information Technology and Strategy	3
HIM	635	Research Methods in Health Informatics	3
HIM	645	Health Informatics Acquisition Management	3
HIM	650	Health Informatics Project Management	3
HIM	653	Health Data Management I	3
HIM	654	Health Data Management II	3
HIM	665	Legal, Social and Ethical Issues in Health Informatics	3
HIM	670	Health Informatics Practicum/Capstone	3
<i>Total Hours Required</i>			36

HEALTH INFORMATICS MANAGEMENT CERTIFICATE

Program Director: Dr. Stephanie Ferguson

This certificate program is designed for individuals desiring to develop skills in the acquisition, assessment, and use of health-related data to improve patient care. The program will integrate healthcare information technology, business principles, and leadership theory in the provision of quality, high value healthcare. The curriculum is focused on active learning with direct application to current challenges in a variety of health-care settings, locally and globally

Objectives:

1. Understanding of the role of informatics in the health care delivery system.
2. Relate principles of management and leadership to health care information technology.
3. Application of life cycle management processes to adoption, management and maintenance of healthcare information technology.
4. Apply general principles of accounting and financial management in the health care environment.
5. Design, implement, and evaluate information systems with application to current challenges in healthcare.

Required Courses:			Hours
--------------------------	--	--	--------------

38 Lynchburg College

HIM	601	Introduction to Health Informatics	3
HIM	605	Healthcare System Management	3
HIM	607	Healthcare Financial Management	3
HIM	625	Management of Information Technology and Strategy	3

Total Hours Required 12

MASTER OF PUBLIC HEALTH

Program Director: Dr. Charlotte Guynes

The mission of the MPH program at Lynchburg College is to support and enhance public and community health through research, community service, and workforce development. The program provides students with mastery of theory, knowledge, and skills in areas of public and community health. The program prepares students with a broad foundation in all five core areas of public health: health behavior and education, health services administration, epidemiology, biostatistics, and environmental health sciences. The emphasis in Community Health Education also exposes students to specialized training in health promotion and education methods, health communication, program planning and evaluation, and program administration. All students have an opportunity to apply learned skills in practice during a culminating capstone course and supervised internship experience.

Students in the program will:

- Demonstrate practical knowledge and applicable skills in assessment of community health needs as well as the planning of community health programs;
- Identify and apply appropriate statistical methods to analyze and describe a public health program;
- Understand the relationship between environmental factors and community health;
- Address behavioral, social, and cultural factors that impact individual and population health and health disparities over the lifespan;
- Demonstrate practical knowledge and applicable skills in implementing and evaluating community health programs;
- Use epidemiologic methods to analyze patterns of disease and injury;
- Apply principles of leadership, policy development, budgeting, and program management in the planning, implementation, and evaluation of health programs for individuals and populations;
- Demonstrate knowledge and skills in ethical interactions associated with diverse populations and health issues;
- Demonstrate knowledge and skills in an internship experience designed to promote public health in cooperation with organizations, coalitions, and service providers;
- Demonstrate knowledge and skills in public health competencies related to program learning outcomes;

			Hours
Required Courses:			
MPH	605	Public Health Needs Assessment & Planning	3
MPH	610	Biostatistics	3
MPH	615	Environmental Health	3
MPH	620	Social Aspects of Public Health	3
MPH	625	Public Health Implementation & Evaluation	3
MPH	630	Epidemiology	3
MPH	635	Community Health Administration	3
MPH	640	Ethical Issues in Public Health	3
MPH	650	Public Health Internship	3
MPH	651	Public Health Internship ²	6
MPH	652	Public Health Internship ²	9
MPH	655	Public Health Capstone Seminar ¹	3

Total Hours Required 30-36

Notes: