

# MEDICAL SCIENCES (M.A.) - HEALTH INFORMATICS

**Important:** This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

Code	Title	Hours
<b>Core Courses</b>		
MSCI 500	Foundations of Biomedical Sciences	3
MSCI 510	Foundations of Medical Anatomy I	4
MSCI 520	Principles of Physiology I	4
MSCI 530	Introduction to Human Metabolism and Disease	4
MSCI 640	Ethics in Health Sciences	3
MSCI 660	Principles of Cellular Biology	4
<b>Total Hours</b>		<b>22</b>

Code	Title	Hours
<b>Health Informatics Cognate</b>		
INFO 505	Health Informatics	3
INFO 545	Health Information Systems and Integrated Technologies	3
Choose six credit hours of the following:		6
CSIS 525	Database Design and Development	
HLTH 501	Biostatistics	
INFO 535	Health Systems and Delivery	
MSCI 505	Principle of Medical Genetics	
<b>Total Hours</b>		<b>12</b>

All applicable prerequisites must be met

## Graduation Requirements

- Complete 34 hours
- A maximum of 50% of the program hours may be transferred if approved and allowable, including credit from an earned degree from Liberty University on the same academic level
- 3.0 GPA
- No grades lower than B- may be applied to the degree
- Degree must be completed within 5 years
- Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

## Program Offered in Online Format

### Course Sequence

Course	Title	Hours
<b>First Year</b>		
<b>First Semester</b>		
MSCI 500	Foundations of Biomedical Sciences	3
MSCI 510	Foundations of Medical Anatomy I	4
MSCI 520	Principles of Physiology I	4
INFO 505	Health Informatics	3
<b>Hours</b>		<b>14</b>

Course	Title	Hours
<b>Second Semester</b>		
MSCI 530	Introduction to Human Metabolism and Disease	4
MSCI 640	Ethics in Health Sciences	3
MSCI 660	Principles of Cellular Biology	4
INFO 545	Health Information Systems and Integrated Technologies	3
<b>Hours</b>		<b>14</b>
<b>Second Year</b>		
<b>First Semester</b>		
Health Informatics Elective <sup>1</sup>		3
Health Informatics Elective <sup>1</sup>		3
<b>Hours</b>		<b>6</b>
<b>Total Hours</b>		<b>34</b>

<sup>1</sup> Choose from the following courses: CSIS 525, HLTH 501, INFO 535, or MSCI 505