

**Master of Health Informatics | Course Carousel**

Before registering for MHI courses, all students are required to complete:

- **HI 7001** Health and Public Health Landscape; and
- **HI 7010** Health Informatics, Information Systems and Technology

HI 7001 and HI 7010 are offered every semester. After HI 7001 and HI 7010, students will need to complete all required core courses, which are offered on a rotating schedule. The curriculum “carousel” below illustrates the nature of rotating courses. A full academic semester is 14-16 weeks long. All MHI courses (except for the Practicum) are 7-8 weeks long. Some are offered during the first half of the semester (the first 7-8 weeks), and some are offered during the second half (the last 7-8 weeks). Course availability is outlined below.

**SEMESTER 1: FOUNDATION COURSES**

First Half		
<i>Course Number</i>	<i>Course Name</i>	<i>Credit Hours</i>
HI 7001	The Health and Public Health Landscape	3
Second Half		
HI 7010	Health Informatics, Information Systems and Technology	3

**SEMESTER 2-4: CORE COURSES**

First Half		
<i>Course Number</i>	<i>Course Name</i>	<i>Credit Hours</i>
HI 7020	Vocabularies, Terminology, Knowledge Discovery and Related Health Information	3
HI 7040	Workflow Process Analysis, System Development, Human Factors and Usability	2
HI 7060	Leadership and Strategic Management in Health Settings	2
Second Half		
HI 7030	Health Informatics, Legislation, Privacy and Security	3
HI 7050	Project and Program Management	3
IS 7031	Database Modeling and Design	3

**SEMESTER 5: ELECTIVES**

First Half		
<i>Course Number</i>	<i>Course Name</i>	<i>Credit Hours</i>
HI 7071	Introduction to Healthcare Data Science	2
BANA 7011	Data Analytics	2
Second Half		
HI 7072	Leveraging Analytics and Business Intelligence Tools for Healthcare	3
BANA 7015	Advanced Health Data Analytics	3

**SEMESTER 6: PRACTICUM**

Full Semester		
<i>Course Number</i>	<i>Course Name</i>	<i>Credit Hours</i>
HI 7090	MHI Practicum (all coursework must be completed before enrolling in Practicum)	6