

# Health Sciences (Health Care Administration) & Master of Science in Health Informatics & Analytics 3+1

## PROGRAM OVERVIEW

With the use of summer school and J-term, as well as using graduate course work to fulfill elective requirements, Health Care Administration students are able to complete the four-year degree program plus the Master of Science in Health Informatics & Analytics (MS HIA) in a shorter time period than if they were to complete the two separately.

## Curriculum Guide

### First Year

#### Fall Semester

FYS ---	First Year Seminar	3 CR
<b>HSCI 020</b>	<b>Introduction to Health Sciences</b>	<b>2 CR</b>
PSY 001	Introduction to Psychology	4 CR
BIO 012/L	Pre-Professional Biology I & Lab ( <i>SCI AOI</i> )	4 CR
ELEC ---	Drake Curriculum/Electives	3 CR
<b>Total Semester Credit Hours</b>		<b>17</b>

#### Spring Semester

<b>HSCI 021</b>	<b>Professionalism in Health Care</b>	<b>2 CR</b>
ECON 002	Microeconomics <sup>2</sup>	3 CR
MATH 028	Business Calculus ( <i>QUAN AOI</i> )	3 CR
ELEC ---	Drake Curriculum/Electives	6 CR
<b>Total Semester Credit Hours</b>		<b>14</b>

### Second Year

#### Fall Semester

HSCI 025*	Introduction to the US Health Care System	3 CR
<b>HSCI 144</b>	<b>Introduction to Public Health</b>	<b>3 CR</b>
ECON 010	Macroeconomics	3 CR
ACCT 041	Accounting I	3 CR
HSCI 141/L	Human Anatomy & Lab	4 CR
<b>Total Semester Credit Hours</b>		<b>16</b>

#### Spring Semester

<b>HSCI 125/L</b>	<b>Physiology/Lab<sup>1</sup></b>	<b>4 CR</b>
HSCI 060*	Statistics in Health Sciences <sup>3</sup>	3 CR
HSCI 106*	Culture Care & Health Literacy ( <i>GLOB/CITZ AOI</i> )	3 CR
ELEC ---	Drake Curriculum/Electives	6 CR
<b>Total Semester Credit Hours</b>		<b>16</b>

### Third Year (Apply to Drake MS HIA Program)

#### Fall Semester

<b>HSCI 172</b>	<b>Evaluating Research Literature (<i>INFO AOI</i>)</b>	<b>3 CR</b>
HSCI 095*	Medical Terminology	1 CR
<b>HSCI 143</b>	<b>Epidemiology</b>	<b>3 CR</b>
FIN 095	Finance	3 CR
MGMT 110	Organizational Behavior	3 CR
HSCI 055*	Innovation and Leadership in Health Sciences	3 CR
<b>Total Semester Credit Hours</b>		<b>16</b>

#### Spring Semester

<b>HSCI 105</b>	<b>Values and Ethics in Health Sciences (<i>VE AOI</i>)</b>	<b>3 CR</b>
MKTG 101	Marketing Principles	3 CR
IS 044	Information Tools	2 CR
<b>HSCI 108</b>	<b>Intro to US Health Care Policy</b>	<b>3 CR</b>
ELEC ---	Drake Curriculum/Electives	3 CR
<b>Total Semester Credit Hours</b>		<b>14</b>

### Fourth Year

#### Fall Semester

<b>HSCI 196</b>	<b>Health Sciences Internship I</b>	<b>3 CR</b>
<b>HSCI 155</b>	<b>Guided Research in Health Sciences I</b>	<b>2 CR</b>
MS HIA ---	Electives	12 CR
<b>Total Semester Credit Hours</b>		<b>17</b>

#### Spring Semester

<b>HSCI 197</b>	<b>Health Sciences Internship II</b>	<b>3 CR</b>
<b>HSCI 156</b>	<b>Guided Research in Health Sciences II</b>	<b>2 CR</b>
MS HIA ---	Electives	9 CR
<b>Total Semester Credit Hours</b>		<b>14</b>

### Total Program Hours: 123

Click [here](#) to view the remaining MS HIA requirements that should be taken in the above course slots. Students may take summer course work or courses the semester after graduation to complete the MS HIA.

**Bolded courses** must be taken in the designated semester unless prior approval by the College is provided.

\***Asterisked HSCI courses** have multiple offerings each year; they should be taken within the designated year but can be taken during an alternative semester.

1 = BIO 129/L – Mammalian Physiology or PHAR 125 can be substituted for requirement (courses offered only in fall semester)

2 = HSCI 102 – Health Economics can be substituted for requirement (course offered only in fall semester)

3 = STAT 071: Statistics I – an exception to program policy request may be submitted to fulfill this requirement

**Electives (minimum 36 credits):** Elective credits include [Drake Curriculum](#) requirements not fulfilled by required coursework (outlined below) as well as non-required coursework that permits exploration of and/or advanced study in areas of professional interest within the student's primary degree. Students should review the [student handbook](#) for the complete elective policy. A maximum of 18 graduate level credits can be equated to this undergraduate Health Sciences degree.

**Drake Curriculum Areas of Inquiry not fulfilled by required coursework (12 credits):** Artistic Literacy, Engaged Citizen, Historical Foundations, and Written Communication.

\*\*If not admitted to the MS HIA program, all credit minimums for **Electives** must be fulfilled to earn a Bachelor of Science in Health Sciences degree.