

# HEALTH INFORMATION MANAGEMENT

## Admission to Program

Admission to the program is explained in the HCT Admission Policy described in the Academic Policies section of this Catalog.

## Program Mission

Prepare Emirati national graduates with technical and administrative skills to manage health information systems consistent with professional standards in health care delivery settings.

## Program Description

The Bachelor of Health Information Management program is a four-year post-Foundations program preparing graduates for health information management professional practice. In the first three program years students develop an extensive knowledge and skills in healthcare information coding and introductory management and health informatics knowledge and skills. The final year of the program develop students' skills in health informatics, research, quality, advanced data management, leadership and health data analysis. The program promotes the development of analytical thinking, problem-solving abilities, communication skills, professional ethics, social responsibility, professional citizenship, the ability to adapt to change and respond to challenges in health information management, and a commitment to lifelong learning.

Students are eligible for a one year Work Experiential Learning experience during their study.

## Program Goals

1. Prepare students towards a career in health information management, by fostering creative problem-solving acumen using innovative technology in managing patient health data.
2. Prepare students to be technology perceptive, innovation-minded, and committed to life-long learning in a fashion that meets international standards and the future demands of the UAE healthcare industry and societal needs.
3. Prepare students with critical thinking skills, strong communication prowess, and excellent leadership abilities.
4. Prepare students to be professionals that readily comply with legal, regulatory and ethical requirements in terms of patient data and other physical or electronic medical records.

## Program Learning Outcomes

### Bachelor of Health Information Management (NQF Level 7)

*On successful completion of this program the graduate will be able to:*

1. Demonstrate knowledge of appropriate classification system (as related to procedural and diagnostic coding), healthcare policy, economics and regulatory environments to include local, national and international health information management trends.
2. Manage healthcare data by applying relevant principles of health information technology and policies in compliance with local, national, and international requirements.

3. Demonstrate professional and technical leadership attributes and be able to lead and work collaboratively within a multidisciplinary team.
4. Demonstrate ability to provide safe management of health information practice, and novel solutions that contribute to the body of knowledge in the field of Health Information Management.
5. Develop professional competence and lifelong learning skills by incorporating new solutions into health information management.
6. Demonstrate entrepreneurial and innovative attributes to integrate new ideas relevant to health information technology in compliance with standard ethical practices.

## Requirements Completion Requirements

### Bachelor of Health Information Management

Students must successfully complete a minimum of 129 credits as follows:

Code	Title	Credit Hours
Health Science Core Courses		24
Health Information Management Core Courses		60
Health Information Management Preceptorship Courses		12
General Studies		33
<b>Total Credit Hours</b>		<b>129</b>

Code	Title	Credit Hours
<b>Health Science Core Courses</b>		
Required Credits: 24		
HSC 1023	Chemistry for Health Sciences	3
HSC 1033	Anatomy and Physiology	3
HSC 1113	Introduction to Healthcare Systems and Professional Practice	3
HSC 1123	Work Health and Safety	3
HSC 1803	Medical Terminology for Health Sciences	3
HSC 4003	Research Methods for Health Sciences	3
HSC 4006	Capstone Research Project for Health Sciences	6
<b>Health Information Management Core Courses</b>		
Required Credits: 60		
CIA 3103	Database Design and Administration	3
CIS 1303	Database Systems	3
HIM 1203	Health Information Coding I	3
HIM 2003	Health Information Coding II	3
HIM 2113	Applied Pathophysiology I	3
HIM 2203	Health Information Management Studies	3
HIM 2313	Applied Pathophysiology II	3
HIM 2323	Legal and Ethical Aspects in HIM	3
HIM 2403	Introduction to Management in Healthcare	3
HIM 3003	Biostatistics	3
HIM 3013	Health Information Coding III	3
HIM 3103	Health Informatics I	3
HIM 3113	Health Information Coding IV	3
HIM 3303	Epidemiology	3
HIM 4013	Quality Management in Healthcare	3

HIM 4023	Health Informatics II	3
HIM 4033	Finance Management in Healthcare	3
HIM 4103	Health Data Analysis	3
HIM 4303	Health Care Economics and Health Insurance	3
HIM 4413	Strategic Management in Health Care	3

### Health Information Management Preceptorship Courses

Required Credits: 12

HIM 2902	HIM Hospital Preceptorship I	2
HIM 3912	Coding Preceptorship I	2
HIM 3914	Coding Preceptorship II	4
HIM 4904	HIM Hospital Preceptorship II	4

### General Studies

Required Credits: 33

### English, Arabic or other Languages

Required Credits: 12

### Humanities or Art

Required Credits: 3

### Information Technology or Mathematics

Required Credits: 6

### The Natural Sciences

Required Credits: 3

### The Social or Behavioral Sciences

Required Credits: 9

Description	Data
Total Required Credits	129
Maximum Duration of Study	6 years
Minimum Duration of Study	4 years
Cost Recovery Program	No
Program Code	BHIMU
Major Code	HIM

## Ideal Study Plan

## Recommended Sequence of Study

### Year 1

Semester 1		Credit Hours
HSC 1013	Human Biology	3
HSC 1113	Introduction to Healthcare Systems and Professional Practice	3
HSC 1803	Medical Terminology for Health Sciences	3
LSM 1113	Statistical Mathematics	3
LSS 1003	Life and Future Skills	3
<b>Credit Hours</b>		<b>15</b>

### Semester 2

HSC 1023	Chemistry for Health Sciences	3
HSC 1033	Anatomy and Physiology	3
HSC 1123	Work Health and Safety	3
LSC 1103	Professional Communication and Reporting	3
LSS 1123	Basic Research Methods	3
<b>Credit Hours</b>		<b>15</b>

### Year 2

#### Semester 3

AES 1013	Arabic Communications	3
CIS 1303	Database Systems	3
HIM 1203	Health Information Coding I	3

HIM 2113	Applied Pathophysiology I	3
HIM 2203	Health Information Management Studies	3
LSC 2193	Applied Skills Capstone	3

**Credit Hours 18**

### Semester 4

AES 1003	Emirati Studies	3
AES 1033	Islamic Culture	3
HIM 2003	Health Information Coding II	3
HIM 2313	Applied Pathophysiology II	3
HIM 2323	Legal and Ethical Aspects in HIM	3
HIM 2403	Introduction to Management in Healthcare	3

**Credit Hours 18**

### Summer

HIM 2902	HIM Hospital Preceptorship I	2
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**Credit Hours 2**

### Year 3

#### Semester 5

CIA 3103	Database Design and Administration	3
HIM 3003	Biostatistics	3
HIM 3013	Health Information Coding III	3
HIM 3912	Coding Preceptorship I	2
ICT 2013	Computational Thinking and Coding	3

**Credit Hours 14**

#### Semester 6

BUS 2403	Innovation and Entrepreneurship	3
HIM 3103	Health Informatics I	3
HIM 3113	Health Information Coding IV	3
HIM 3303	Epidemiology	3
HIM 3914	Coding Preceptorship II	4

**Credit Hours 16**

### Year 4

#### Semester 7

HIM 4013	Quality Management in Healthcare	3
HIM 4023	Health Informatics II	3
HIM 4033	Finance Management in Healthcare	3
HIM 4904	HIM Hospital Preceptorship II	4
HSC 4003	Research Methods for Health Sciences	3

**Credit Hours 16**

#### Semester 8

HIM 4103	Health Data Analysis	3
HIM 4303	Health Care Economics and Health Insurance	3
HIM 4413	Strategic Management in Health Care	3
HSC 4006	Capstone Research Project for Health Sciences	6

**Credit Hours 15**

**Total Credit Hours 129**

## Faculty and Academic Staff

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