

# Health Information Technology - Database Management



Students have the opportunity to spend many hours in a simulation lab or a professional setting to practice skills obtained in the classroom. Students enrolled in professional practice experience (professional) courses are assigned hours consistent with the day shift. Assignment for professional practice experience will be at the discretion of program officials, and students may be required to travel to different locations for the 'hands-on' training.

Data Management is the track of choice for students who have great analytical skills, attention to detail, and a great interest in data. This interest has a very broad range including helping patients learn to access their own healthcare data, helping patients to increase healthcare literacy, mining and analyzing large sets of data to discover industry patterns and information trends, and translating the data into usable information for everyone from providers to insurance carriers to promote and optimize patient care and safety, analyzing data for accuracy to help improve patient care, and, as always, helping to ensure compliance with HIPAA rules and regulations. Students with a data management degree will possess the knowledge and skills to excel in several occupations, including, but not limited to, birth record specialist, certified tumor registrar, HIM technician, HIM analyst, patient scheduler, health data analyst, health information technician, patient information coordinator, quality assurance coordinator, medical scribe, chief privacy officer, data quality analyst, HIM supervisor, HIM manager.

**Program:** [Health Information Technology](#)

## AAS HIT DATABASE MANAGEMENT – Guided Pathway/Map

### 1st Semester

Item #	Title	Credits
ORI 110	Freshman Seminar	1
ENG 101	English Composition I	3
CIS 146	Computer Applications	3
PSY 200	General Psychology	3
BIO 201	Human Anatomy and Physiology I	4
	Sub-Total Credits	14

### 2nd Semester

Item #	Title	Credits
MTH 100	Intermediate College Algebra	3
IDS 102	Ethics	3
HIT 110	Medical Terminology	3
BIO 202	Human Anatomy and Physiology II	4
	Sub-Total Credits	13

## 3rd Semester

Item #	Title	Credits
HIT 115	Pathophysiology and Pharmacology for HIT	4
HIT 134	HIT Legal and Ethical Issues	3
HIT 154	Health Data Content and Structure	3
HIT 158	Introduction to the Clinical Environment for HIT	1
HIT 294	Current Trends in Health Information	1
	Sub-Total Credits	12

## 4th Semester

Item #	Title	Credits
HIT 131	Classification Skills Laboratory	1
HIT 132	Revenue Cycle Management and Documentation	4
HIT 160	HIT Professional Practices Experience	1
HIT 223	Data Management for HIT	3
HIT 230	Medical Coding Systems I	3
	Sub-Total Credits	12

## 5th Semester

Item #	Title	Credits
HIT 232	Medical Coding Systems II	3
HIT 240	Ambulatory Coding	2
HIT 255	Principles of Supervision in HIT	3
HIT 291	CCS Exam Preparation	1
	Sub-Total Credits	9

## 6th Semester

Students may choose Revenue Cycle Management Track and/or Data Analysis Track. CIS 117 required for Data Analysis Track only.

Item #	Title	Credits
BUS 271	Business Statistics I	3
CIS 117	Database Management Software Applications	3
HIT 254	Organizational Improvement	3
HIT 292	HIT Exam Review	2
HIT 296	Professional Practices Simulations	2
	Sub-Total Credits	13
	<b>Total credits:</b>	<b>73</b>