

# Health Care Informatics Concentration

**The program is not accepting applications for the MIS Health Care Informatics concentration at this time.**

All majors in the College of Business and Management require foundation knowledge in accounting, economics, and statistics. Students must earn a cumulative GPA of at least 2.0 across all foundation courses. UIS courses that satisfy the foundation knowledge requirements include:

## Requirements

### Foundation Requirements (Junior or senior standing required to enroll in ACC 311 and ECO 315)<sup>1</sup>

ACC 211 & ACC 212	Introduction to Financial Accounting and Introduction to Managerial Accounting	4-6
or ACC 311	Administrative Uses of Accounting	
ECO 213	Statistics for Business and Economics	3
or MAT 121	Applied Statistics	
ECO 201 & ECO 202	Introduction to Microeconomics and Introduction to Macroeconomics	4-6
or ECO 315	Economics for Administration	
<b>Total Hours</b>		<b>11-15</b>

<sup>1</sup> Students must earn a minimum grade of C- in **ALL** foundation and cumulative GPA of at least 2.0 across all foundation courses.

Course work equivalent to the above may be accepted upon approval by the student's advisor and the College of Business and Management by a Student Petition.

### College Core:<sup>1</sup>

BUS 312	Principles of Marketing	3
BUS 322	Principles of Operations Management	3
BUS 331	ECCE: Business, Ethics, and Society	3
FIN 302	Principles of Financial Management	3
MGT 310	Managing Organizational Behavior	3
MGT 330	Business and Managerial Communication	3
MGT 488	Strategic Management: The Capstone <sup>4</sup>	3
MIS 352	Principles of Management Information Systems	3
MIS 376	Business Analytics	3
<b>Total Hours</b>		<b>27</b>

<sup>1</sup> Prerequisite: All college core courses, and within 12 hours of graduation or during the student's last semester. A minimum grade of C (2.0) is required in **MGT 488** (a grade of C- or lower will not be accepted).

To earn a Bachelor's of Science in Management Information Systems with Health Care Informatics a student must:

- Complete at least 54 semester hours from a four year baccalaureate-granting institution

- Complete at least 48 semester hours of upper-division (300-400 level) course work
- Complete at least one half of his or her business course work at UIS (college core and major)
- Earn a cumulative grade point average of at least 2.0 across all courses required for the major
- Complete a minimum of 18 hours in Management Information Systems prefix courses (MIS) at the UIS College of Business and Management.

All MIS undergraduate majors must complete 36 core credit hours to fulfill the degree requirements as follows:

### Health Care Informatics Concentration Requirements:

CSC 225	Computer Programming Concepts I	3
CSC 275	Computer Programming Concepts II	3
MIS 325	Health Care Informatics Programming	3
MIS 371	Enterprise Architecture	3
MIS 385	Data and Information Management	3
MIS 454	Systems Analysis and Design	3
MIS 455	Human-Computer Interaction Design	3
MIS 456	Networks and Telecommunications in Organizations	3
MIS 458	Project Management	3
MIS 468	Business Process Management	3
MIS 469	IS Strategy Management and Acquisition	3
MIS 478	Health Care Information Systems Security	3
<b>Total Hours</b>		<b>36</b>

Engaged Citizenship Common Experience (ECCE)<sup>1</sup> 10

<sup>1</sup> The Management Information System degree requires a minimum of three hours of internship course work consisting of an individualized field experience (ILP 300) or an individual project (IPL 301) in the area of Health Care Informatics. Students are encouraged to complete six hours of internship. Internship hours will be used to fulfill the Engagement Experience ECCE category. Students must complete course work in at least one of the other ECCE categories including U.S. Communities and Global Awareness. The one hour UNI 301 speaker Series course fulfills the last hour of the ECCE requirement (10 total ECCE hours required)

- Only in exceptional cases, using a Student Petition, with appropriate College of Business and Management approvals, students may request to waive the three-hour internship requirement and substitute an alternative ECCE course.
- Credit for Prior Learning (IPL 305) may not be used by College of Business and Management students to fulfill degree requirements.