4 Year Advising Plan Bachelor of Science Management Information Systems
Healthcare Informatics concentration

Academic Year 2017-2018

Illinois Central College

UNIVERSITY OF ILLINOIS SPRINGFIELD

General Education Curriculum			College Core [3] Required courses for all MIS undergraduate students (21 hours)		
Course Number	Course Title	Hours	Course Number	Course Title	Hours
ENGL 110	English Composition I	3	BUS 302	Principles of Financial Management	3
ENGL 111	English Composition II	3	BUS 312	Principles of Marketing	3
COMM 110	Fundamentals of Speech	3	BUS 322	Principles of Operations Mgt	3
Physical Science and Life Science	One science course must include a lab	8	BUS 331	Business and Society	3
			MIS 352	Principles of Management Info Sys	3
PSY 110 **OR** SOC 110	Intro to PSY **OR** Intro to SOC (Social Behav Science)	3	MGT 310	Managing Organizational Behavior	3
			MGT 488	Strategic Management: The Capstone	3
	non Fine Art Humanities	3	MIS Requirements (30 hours)		
	Fine Art Humanities	3	MIS 325	Health Care Informatics Programming	3
	any other approved Humanities	3	MIS 371	Enterprise Architecture	3
Foundation Requirements[1]			MIS 385	Data and Information Management	3
ACCTG 120	Financial Accounting	4	MIS 454	Systems Analysis and Design	3
ACCTG 121	Managerial Accounting	4	MIS 455	Human Computer Interaction	3
ECON 110	Principles of Macroeconomics	3	MIS 456	Networks and Telecomm. In Org	3
ECON 111	Principles of Microeconomics	3	MIS 458	IS Project Management	3
BUS 203	Business Statistics	4	MIS 468	Business Process Management	3
MATH 135	Business Calculus	4	MIS 469	IS Strategy Management and Acquisition	3
MIS Requirements [2]			MIS 478	Health Care Information Systems Security	3
CMPSC 115 **&**	Java I	3	Engaged Citizenship Common Experience (ECCE) (10 hrs)		
CMPSC 135	Java II	3	MIS 323	Social Health Care Informatics	3
OR CMPSC 125 **&**	Programming in C++	3	ECCE IPL 300 Engagement Internship[4]		6
CMPSC 212	Advanced Programming in C++	3	ECCE UNI 301 Speaker's Series		1
Lower Division General Electives					
	as advised	2			
Total		**59**	**Total**		**61**

[1] A minimum grade of C- is required in ALL foundation courses. A cumulative GPA of at least 2.0 is required across all college foundation courses.

[2] Complete two semesters of the same programming language.

[3] Subject to curricular changes or revisions. Please refer to the catalog for specific CBM and individual program requirements.

[4] Engagement Experience. A minimum of 3 hours of Internship course work (IPL 300) for Engagement Experience is required (6 hours Internship recommended). 10 hours total ECCE required.

	Total	120