Simmons UNIVERSITY

Health Informatics (BS)

Academic Planning Worksheet

2018-2019 Catalog

Notes

- Students are required to complete 40 credit hours in one of the tracks listed below.
- Health Informatics majors should consult with their advisors about the possibilities of a minor in Biology, Management or Public Health.
- See "Simmons PLAN & Graduation Requirements" worksheet for all-college requirements.

Major Core

Majors will complete a core of the following courses.

Course #	Course Title	Credits	Completed
CS 112	Introduction to Computer Science	4	
CS 113	GUI and Event-Driven Programming	4	
CS 225	Health Informatics (formerly IT 225)		
MATH 118 (or MATH 227 or 229)	Introductory Statistics	4	
CS 227	Computer Networks	4	
CS 327	Cybersecurity	4	
CS 333	Database Design and Implementation	4	
CS 321	Web-Centric Programming and Web Technologies	4	
CS 343/ LIS 486	Systems Analysis	4	
PHIL 131	Biomedical Ethics	4	

ONE of the following courses.

Course Selected	Credits	Completed
	4	

SNHS 450	The Health Care Systems: Interdisciplinary Perspectives
MBAH 448	Health Care IT (with permission of instructor)
BUS 120	Introduction to Health Systems

Strongly Suggested Electives

Students are strongly urged, but not required, to take two or more of the following courses.

Course Selected	Credits	Completed
	4	
	4	
	4	

ACCT 110	Financial Accounting
BIOL 346	Epidemiology
BUS 100	Foundations of Business and Management
MATH 227	Biostatistical Design and Analysis
SOCI 241	Health, Illness and Society

Capstone

Complete CS 370 (Internship) 4 or 8 credit hours to fulfill the Capstone Requirement in the IT department of a hospital, HMO or at a company which develops software for the healthcare industry.

Course Selected	Credits	Completed