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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.

Core Requirements

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 (Spring)	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.

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

Course Selected	Credits	Completed
	4	

Strongly Encouraged 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 (SH)
MATH 227	Biostatistical Design and Analysis
SOCI 241	Health, Illness and Society (SH)

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

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PLAN Requirements

Year	Semester	Course Title		Credits	Completed
One	Fall	**BOS 101:** The Boston Course		4	
		SIM 101: The Simmons Course: Explore		2	
	Spring	**LDR 101:** The Leadership Course		4	
Two	Fall or Spring	**The Learning Community:** Two discipline courses & one integrative seminar		8	
		SIM 201: The Simmons Course: Experience		1	
Three	Fall or Spring	**SIM 301:** The Simmons Course: Excel		1	
Three & Four	Fall or Spring	**3D*−** Design Across Diverse Disciplines		12	
Any	**Requirements**		**Course Selected**		
	Language: Two semesters in the same language, taken sequentially and strongly encouraged to complete within their first two years.			4	
				4	
	Quantitative Literacy (QL)		MATH 118 or higher	4	
	Key Content Areas** (KCAs)	Aesthetic, Literary and Artistic (ALA)		4	
		Global Cultural (GC)		4	
		Scientific Inquiry (SCI)	CS 112	4	
		Social and Historical (SH)	PHIL 131	4	

*3D− Design Across Diverse Disciplines− requirement may be met with one course in your major, and two additional courses that may also count as KCAs.
**KCAs − May be covered by Major, Learning Community and/or 3D courses.

Department Contact
Nanette Veilleux
Professor and Director
Mathematics and Computer Science
College of Organizational, Computational, and Information Sciences
nanette.veilleux@simmons.edu
Office: M110