

**Notes**

- Students are required to complete 52-56 credit hours in one of the tracks listed below.
- Students who major in Information Technology may not double-major with Computer Science.

**Core Requirements**

Majors will complete a core of the following courses.

Course #	Course Title	Credits	Complete
<b>First Year</b>			
CS 112	Introduction to Computer Science (fall)	4	
CS 110	Foundations of Information Technology (spring)	4	
<b>After First Year</b>			
CS 113 or CS 214	GUI and Event-Driven Programming (spring) or Data Interoperability	4	
CS 227	Computer Networks	4	
CS 321	Web-centric Computing	4	
CS 327	Cybersecurity	4	
CS 333	Database Management Systems	4	
CS 343/ LIS 486	Systems Analysis	4	
MATH 118 (or 227 or 229)	Introductory Statistics	4	
BUS 221	Project Management	4	

**Elective Tracks**

Choose ONE of the two tracks outlined below and complete TWO courses.

Health Informatics Track: Choose Two	OR	Information Technology Track: Complete Both	Credits	Complete
<input type="checkbox"/> CS 225- Health Informatics		BUS 234- Organizational Communication and Behavior	4	
<input type="checkbox"/> SOCI 241- Health, Illness and Society <input type="checkbox"/> BUS 220- Introduction to Health Systems		BUS 221- Project Management	4	

**Capstone**

Complete CS 370 (Internship) 4 or 8 credits or CS 327 (Cybersecurity) to fulfill the capstone requirement in Information Technology.

Course Selected	Credits	Complete

**PLAN Requirements**

The Simmons PLAN is the undergraduate core curriculum. Some PLAN courses will be fulfilled with courses required for this major, as indicated below. Additional PLAN requirements may be fulfilled through electives, courses in minors or other course offerings. Work closely with your advisor(s) to choose courses.

Year	Semester	Course Title	Credits	Complete
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	<b>Requirements</b>		<b>Course Selected</b>		
	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)		BUS 234	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**

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