Simmons UNIVERSITY

B.S. in Computer Science &
M.S. in Library and Information Science
3+1 Program
Academic Planning Worksheet
2019-2020
EVEN YEAR- Fall Start

Notes

- This planning worksheet describes the fall start for even dated years. If you are beginning during an odd year, please see that worksheet. If you are beginning in the spring or summer, please consult with the academic department.
- This check sheet represents a sample 3+1 curriculum. Simmons requires that all undergraduates complete 128 credits of coursework to graduate. Completing the Computer Science degree in 3 years therefore requires that some credits be comprised of AP credits, extra courses each semester and/or summer courses before the end of Year 3. The department will work with you individually to determine the best course sequence for your needs.
- KCAs (Key Content Areas), the Foreign language and the Qualitative Literacy (QL) courses are part of the undergraduate general education requirement from a list. Students will also have to frame three courses as an integrative seminar, e.g. CS 333, a KCA and an elective, integrated as courses to create a social justice campaign.
- Suggested electives (UG courses & LIS electives) may vary depending on student's interests.
- Semester-specific PLAN requirements are incorporated by year. See below for a complete overview of all PLAN requirements.

Course Requirements by Year

Year One

Course #	Course Title	Credits	Completed
Fall			
BOS 101	The Boston Course	4	
SIM 101	Simmons Explore	2	
CS 112	Introduction to Computer Science KCA: Scientific Inquiry (SCI)	4	
Language		4	
Spring			
LDR 102	The Leadership Course	4	
CS 110	Foundations of Information Technology	4	
CS 113	GUI & Event-Driven Programming	4	
Language		4	
Summer			
UG course or AP credits		4	
UG course or AP credits		4	

Year Two

Course #	Course Title	Credits	Completed
Fall			
CS 227	Computer Networks	4	
CS 232	Data Structures	4	
Math 210	Discrete Mathematics	4	
CS 226	Architecture and Organization	4	
	KCA: Global Cultural (GC)	4	

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Spring			
SIM 201	Simmons Experience	1	
Learning Community		8	
CS 327	Cybersecurity	4	
CS 330	Programming Languages	4	
CS 345	Operating Systems	4	
Summer			
UG course or AP credits		4	
UG course or AP credits		4	

Year Three

Course #	Course Title	Credits	Completed
Fall			
CS 321	Web Centric Programming	4	
CS 350/ 370	Capstone: (Independent Study/ Internship)	4	
MATH 118	Introduction to Statistics (Quantitative Literacy)	4	
	KCA: Aesthetic, Literary and Artistic (ALA)	4	
	KCA - Social & Historical (SH)	4	
Spring			
SIM 301	Simmons Excel	1	
CS 333	Relational Databases	4	
CS 345	Operating Systems	4	
UG Course		4	
UG Course		4	
UG Course		4	
Summer (Begin LIS Program)			
LIS 407	Reference/Information Services	3	
LIS 415	Organization of Knowledge	3	
LIS Elective		3	

Year Four

Course #	Course Title	Credits	Completed
Fall			
LIS Elective		3	
LIS Elective		3	
LIS Elective		3	
Spring			
LIS Elective		3	

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LIS Elective		3	
LIS Elective		3	

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	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	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)		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.

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