

B.S. in Information Technology & M.S. in Library and Information Science

3+1 Program

Academic Planning Worksheet 2023-2024

Simmons University

Office of Undergraduate Advising

Notes

- This worksheet represents a sample 3+1 curriculum. Simmons requires that all undergraduates complete a minimum of 128 credits of coursework, fulfill PLAN and major/program requirements, and submit a Senior Audit form to graduate.
- You must declare a major prior to earning 80 credits.
- Completing the Computer Science degree in 3 years therefore requires some credits be composed 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 your best course sequence.
- Semester-specific PLAN requirements are incorporated by year. See below for a complete overview of all PLAN requirements, including KCAs (Key Content Areas), Language and the Qualitative Literacy (QL), Integrated Learning and others.
- Suggested electives (UG courses & LIS electives) may vary depending on the student's interests.

Course Requirements

Year One- Fall

Course #	Course Title	Credits	Completed
BOS 101	The Boston Course	4	
SIM 101	Simmons Explore	2	
CS 112	Introduction to Computer Science (SCI- KCA)	4	
CS 110	Foundations of Information Technology	4	
Language		4	

Year One- Spring

Course #	Course Title	Credits	Completed
LDR 101	The Leadership Course	4	
STAT 118	Introduction to Statistics (Quantitative Literacy)	4	
BUS 221	Project Management	4	
UG Course		4	
Language		4	

Year One- Summer

Course #	Course Title	Credits	Completed
UG course or AP credits		4	

Year Two- Fall

Course #	Course Title	Credits	Completed
Integrated Learning		4	
CS 227	Computer Networks (prereq CS110 or CS112)	4	
CS 245	Computing Systems (prereq CS110 and CS112)	4	
ALA- KCA		4	

UG course		4	
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Year Two- Spring

Course #	Course Title	Credits	Completed
CS 327	Cybersecurity (prereq CS 227)	4	
SIM 201	Simmons Experience	1	
GC- KCA		4	
UG course		4	
UG course		4	
UG course		4	

Year Two- Summer

Course #	Course Title	Credits	Completed
UG course or AP credits		4	

Year Three- Fall

Course #	Course Title	Credits	Completed
BUS 234	Organizational Behavior (SH- KCA)	4	
CS 221	Database Management	4	
UG course		4	
UG Course		4	
UG Course		4	

Year Three- Spring

Course #	Course Title	Credits	Completed
SIM 301	Simmons Excel	1	
CS 321	Web-Centric programming (prereq CS221)	4	
CS 343	Systems Analysis	4	
UG Course		4	
UG Course		4	
UG Course		4	

Year Three- Summer (Begin LIS Program)

Course #	Course Title	Credits	Completed
LIS 407	Reference/Information Services	3	
LIS 415	Organization of Knowledge	3	
LIS Elective		3	

Year Four- Fall

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

Year Four- Spring

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

PLAN Requirements

The Simmons PLAN is the undergraduate general education program. 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	PLAN Course Requirements	Completed	
One/ Summer	Math: 1) Prior to first year, pass Math Placement Exam or 2) In first year, enroll in MATH 101 (4 credits)		
One/ Fall	BOS 101: The Boston Course (4 credits)		
	SIM 101: The Simmons Course: Explore (2 credits)		
One/ Spring	LDR 101: The Leadership Course (4 credits)		
Two	Integrative Learning Course (4 credits)		
	SIM 201: The Simmons Course: Experience (1 credit)		
Three	SIM 301: The Simmons Course: Excel (1 credit)		
Other PLAN Requirements		Courses Used to Fulfill	Completed
Language: (8 credits) Successful completion of the 102 level in any modern language or the equivalent determined through approved channels as outlined below. - Complete the 102 level in any modern language at Simmons University or another accredited academic institution with pre-approval from the Department of Modern Languages and Literatures. - Place above the 102 level on the placement exam administered by Simmons University. - Received a 3 or above on an AP modern language exam. If students have taken or wish to take other equivalent exams, they should consult with the MLL Department.			
Quantitative Literacy (QL)		STAT 118 or higher	
Key Content Areas (KCAs): May be met by major, minor or Integrative Learning courses	Aesthetic, Literary and Artistic (ALA)		
	Global Cultural (GC)		
	Scientific Inquiry (SCI)	CS 112	
	Social and Historical (SH)	BUS 234	