

Web Design and Development

Joint Major of Communications & Computer Science

Academic Planning Worksheet 2023-2024

Simmons University

Office of Undergraduate Advising

Notes

- The major in Web Design & Development is jointly administered by the departments of Communications and Computer Science. With the approval of advisors, a student may choose whether to graduate with a Bachelor of Arts (BA) or Bachelor of Science (BS), depending on the discipline in which they have taken their capstone.
- Students are required to complete 44 credit hours for the major.
- 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.

Step One: Core

Majors will complete the core of the following courses.

Course #	Course Title	Credits	Complete
COMM 121	Visual Communication	4	
COMM 210	Introduction to Graphic Design	4	
CS 110	Foundations of Information Technology (Fall or Spring)	4	
CS 112	Introduction to Computer Science (Fall)	4	

Step Two: Development

Majors will complete the following courses.

Course #	Course Title	Credits	Complete
COMM 240	Typography	4	
COMM 244	Web 1: Design for the World Wide Web	4	
CS 221	Database Management Systems (Fall, prereq CS112)	4	
CS 321	Web-Centric Computing (Spring, prereq CS221)	4	

Step Three: Electives

Students take TWO electives, one from each discipline (CS and COMM).

Course(s) Selected	Credits	Complete
	4	
	4	

CS 227	Computer Networks (Fall, prereq CS112 and CS110)
CS 224	Data Visualization
CS 327	Cybersecurity (Spring, prereq CS227)
CS 343	Systems Analysis and Design (Spring)
COMM 246	Digital Imaging for Design
COMM 248	Type and Image
COMM 333	Responsive Design

COMM 340

Advanced Design

Step Four: Capstone

Students complete their capstone with ONE independent learning experience in either Communications or Computer Science.

Course(s) Selected	Credits	Complete

CS 350	Independent Study
CS 370	Internship
COMM 370	Internship
COMM 390	Studio 5: A Communications Workplace

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.

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)			
Key Content Areas (KCAs): May be met by major, minor or Integrative Learning courses.	Aesthetic, Literary and Artistic (ALA)	COMM 121	
	Global Cultural (GC)		
	Scientific Inquiry (SCI)	CS 112	
	Social and Historical (SH)		