

Computer Sciences Major & Data Science Certificate Planning Guide

4 Year Plan

	Fall		Spring	
	CS	DS	CS	DS
Year 1	Math 221 (5), COMP SCI 200 (3), 304 (1, optional)		COMP SCI 300 (3), Math 222 (4)	STAT 240 (4)
Shared/Gen-Ed	electives and gen-ed courses		electives and gen-ed courses	
Year 2	COMP SCI 240 (3), COMP SCI 400		COMP SCI 354 (3), COMP SCI 252 (2)	COMP SCI 320 (4)
Shared/Gen-Ed	electives and gen-ed courses		electives and gen-ed courses	
Year 3	Applications (3), COMP SCI 577 (3)	L I S 461 (3-4)	Additional Math (3), Math 320, 340, or 341 (3)	
Shared/Gen-Ed	electives and gen-ed courses		electives and gen-ed courses	
Year 4	Software & Hardware (3)		Software & Hardware (3)	
Shared/Gen-Ed	CS/DS Elective* (3) , electives and gen-ed courses		CS/DS Elective* (3) , electives and gen-ed courses	

5 Semester Plan

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
COMP SCI 320 (4)	STAT 240 (4)	L I S 461 (3-4)	CS/DS Elective* (3)	CS/DS Elective* (3)

3 Semester Plan

Semester 1	Semester 2	Semester 3
COMP SCI 320 (4), L I S 461 (3-4)	STAT 240 (4), CS/DS Elective* (3)	CS/DS Elective* (3)

***Overlapping DS/CS Electives include: CS 471, 524, 532, and 576.**

STAT 240 and L I S 461 are offered every fall, spring, and summer.

[Guide link to the Computer Sciences major \(select BA or BS\).](#)

[Guide link to the Data Science certificate.](#)

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