

Statistics Major & Data Science Certificate Planning Guide

Below is a sample 4-year plan that shows how a student might navigate both the Statistics major and Data Science certificate. This plan is provided as a tool for students to understand the potential course load between two programs and areas of overlap and non-overlap. Please note that this is a flexible plan and students are not required to follow this plan exactly. Students are strongly encouraged to review the full curriculum for both programs on the Guide and contact relevant advisors for information on course selection.

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

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

4 Year Plan

	Fall		Spring	
	STAT	DS	STAT	DS
Year 1	MATH 221 (5)		MATH 222 (4)	
Shared/Gen-Ed	COMP SCI 220 (4), electives and gen-ed courses		electives and gen-ed courses	
Year 2	MATH 234 (4)		STAT 303 (1), MATH 340 (3)	
Shared/Gen-Ed	STAT 240 (4), electives and gen-ed courses		STAT 340 (4), electives and gen-ed courses	
Year 3	STAT 424 (3), STAT 309 (3)	L I S 461 (3-4)	Stat elective (3), STAT 310	
Shared/Gen-Ed	electives and gen-ed courses		electives and gen-ed courses	
Year 4	Stat elective (3), Stat elective (3)		Stat elective (3)	
Shared/Gen-Ed	electives and gen-ed courses		STAT/DS Elective* (3), electives and gen-ed courses	

Below is a 5-semester and 3-semester plan for students who may have less than two years to complete the Data Science certificate.

5 Semester Plan

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
COMP SCI 220 (4)	STAT 240 (4)	STAT 340 (4)	L I S 461 (3-4)	STAT/DS Elective* (3)

3 Semester Plan

Semester 1	Semester 2	Semester 3
COMP SCI 220 (4), L I S 461 (3-4)	STAT 240 (4)	STAT 340 (4), STAT/DS Elective* (3)

*Overlapping Stat/DS electives are ECON 570, COMP SCI 532, SOC 362, STAT 405, 436, and 471.