

Economics Major & Data Science Certificate Planning Guide

Below is a sample 4-year plan that shows how a student might navigate both the Economics 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 Economics major \(select BA or BS\).](#)

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

4 Year Plan

	Fall		Spring	
	ECON	DS	ECON	DS
Year 1			ECON 101 (4), Math 221 (5)	
Shared/Gen-Ed	electives and gen-ed courses		electives and gen-ed courses	
Year 2	ECON 102 (4) or ECON 311 (4, in place of ECON 101 and 102), Math 222 (5)	COMP SCI 220 (4)	ECON 301 (4), ECON 310 (4)	STAT 240 (4)
Shared/Gen-Ed	electives and gen-ed courses		electives and gen-ed courses	
Year 3	ECON 302 (4), Econ elective or core econ (4)			L I S 461 (3-4)
Shared/Gen-Ed	electives and gen-ed courses		ECON/DS Elective (3-4)* , electives and gen-ed courses	
Year 4	Econ electives until required 30 credits		Econ electives until required 30 credits	
Shared/Gen-Ed	ECON/DS Elective (3-4)* , electives and gen-ed courses		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)	L I S 461 (3-4)	ECON/DS Elective* (3-4)	ECON/DS Elective* (3-4)

3 Semester Plan

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

***Overlapping ECON/DS electives include: ECON 315, 400, 410, 421, 460, 570, and 695.**