

Sample 4-Year Plan: Economics Option A and Data Science

Below is a sample 4-year plan that shows how a student might navigate both the Economics Option A major and Data Science major. This plan indicates both potential areas of overlap and non-overlap. Please note that it is not required that all double majors follow this plan nor is it required that students overlap the maximum number of courses between the two majors. This plan is provided as a tool for students to understand the potential course load between the two majors.

Students are strongly encouraged to review the full curriculum for both majors on the Guide and contact relevant advisors for information on course selection.

- *Economics Guide:* <https://guide.wisc.edu/undergraduate/letters-science/economics/#degreesmajorscertificatestext> (select either Economics BA or BS)
- *Data Science Guide:* <https://guide.wisc.edu/undergraduate/letters-science/statistics/#degreesmajorscertificatestext> (select either Data Science BA or BS)

	Fall		Spring	
	<i>Econ Major Courses</i>	<i>DS Major Courses</i>	<i>Econ Major Courses</i>	<i>DS Major Courses</i>
Year 1		COMP SCI 220 (4)	ECON 101 (4)	COMP SCI 320 (4)
<i>Shared/Gen-ed</i>	electives and gen-ed courses		MATH 221 (5), electives and gen-ed courses	
Year 2	ECON 102 (4) or ECON 111 (4, <i>in place of ECON 101 and 102</i>)	STAT 240* (4), MATH 222 (4)	ECON 301 (4), ECON 310* (4)	STAT 340* (4)
<i>Shared/Gen-ed</i>	electives and gen-ed courses		electives and gen-ed courses	
Year 3	ECON 302 (4), Advanced Econ major elective (4)	L I S 461 (3-4), Advanced computing (3)		Linear algebra (3)
<i>Shared/Gen-ed</i>	electives and gen-ed courses		ECON 400 or 410* (4), electives and gen-ed courses	
Year 4	ECON electives until required 30 credits	Machine learning (3)	ECON electives until required 30 credits	Data science elective^ (3)
<i>Shared/Gen-ed</i>	ECON 570 (3-4), electives and gen-ed courses		electives and gen-ed courses	

*STAT 240 and 340 can be used in place of ECON 310 as a substitution for the ECON major, but will not satisfy the prereq for ECON 410

^Relevant ECON 695 topics can be proposed as possible data science electives on an exception basis at this time.