

## 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)	
<i>Shared/Gen-ed</i>	electives and gen-ed courses		STAT 340 (4), electives and gen-ed courses	
Year 3	ECON 302 (4), Advanced Econ major elective <sup>^</sup> (3-4)	L I S 461 (3-4)		Linear algebra (3)
<i>Shared/Gen-ed</i>	ECON 315 or 695 <sup>^</sup> , 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	Advanced computing (3)
<i>Shared/Gen-ed</i>	ECON 570 (3-4), electives and gen-ed courses		electives and gen-ed courses	

\*Please note that students who take STAT 340 for their Economics major statistics course will not meet the prerequisite for ECON 410

<sup>^</sup>ECON 695 can count as an advanced Economics major elective, but ECON 315 only counts as a more general Economics elective