

Sample 4-Year Plan: Computer Sciences and Data Science

Below is a sample 4-year plan that shows how a student might navigate both the Computer Sciences 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.

- *Computer Sciences Guide:* <https://guide.wisc.edu/undergraduate/letters-science/computer-sciences/#degreesmajorscertificatestext> (select either CS (BA or BS))
- *Data Science Guide:* <https://guide.wisc.edu/undergraduate/letters-science/statistics/#degreesmajorscertificatestext> (select either Data Science BA or BS)

	Fall		Spring	
	CS Major Courses	DS Major Courses	CS Major Courses	DS Major Courses
Year 1	COMP SCI 200 (3)			STAT 240 (4)
<i>Shared/Gen-ed</i>	MATH 221 (5), electives and gen-ed courses		COMP SCI 300 (3), MATH 222 (4), electives and gen-ed courses	
Year 2	COMP SCI 252 (3),		COMP SCI 354 (3), COMP SCI 240 (2)	
<i>Shared/Gen-ed</i>	COMP SCI 400 (3), MATH 320, 340, or 341 (3), electives and gen-ed courses		STAT 340 (4), Electives and gen-ed courses	
Year 3		COMP SCI 320 (4)	Applications^ (3),	L I S 461 (3-4)
<i>Shared/Gen-ed</i>	COMP SCI 577 (4), electives and gen-ed courses		Electives and gen-ed courses	
Year 4	Software & Hardware (3) ^	Statistical Modeling (3)	Software & Hardware (3)	
<i>Shared/Gen-ed</i>	COMP SCI 532, 539, or 540 (3), electives and gen-ed courses		CS Elective/DS Elective* (3), electives and gen-ed courses	

[^]COMP SCI 524 or 540 are recommended as overlapping courses between DS major and CS applications requirement for CS; COMP SCI 544 is recommended as overlapping between DS major and CS SW/HW requirement

*Possible overlapping electives include COMP SCI 412, 425, 513, 514, 524, 525, 533, 544, 559, 564, 567, 576

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