

Sample 4-Year Plan: Information Science and Data Science

Below is a sample 4-year plan that shows how students might navigate both the Information Science major and Data Science major. This plan indicates both potential areas of overlap and non-overlap. We do not require all double majors to follow this plan, nor do we require all students to 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.

Review the full curriculum for both majors on the Guide and contact relevant advisors for information on course selection.

- **Information Science Guide:** <https://guide.wisc.edu/undergraduate/letters-science/information/information-science-bs/#requirements> (select either iSci BA or BS)
- **Data Science Guide:** <https://guide.wisc.edu/undergraduate/letters-science/statistics/#degreesmajorscertificate> (select either Data Science BA or BS)

	Fall		Spring	
	iSci Major Courses	DS Major Courses	iSci Major Courses	DS Major Courses
Year 1	L I S 202* (Ethics, Computing, & Society/Core; 3 cr)			COMP SCI 320 (4), MATH 221 (5)
Shared/Gen-ed	COMP SCI 220 (4) (iSci Computational Techniques and Tools or iSci Elective; 4 cr), electives and gen-ed courses		Electives and gen-ed courses	
Year 2		MATH 222 (4)	Career/internship (1-6)	STAT 340 (4), Linear Algebra (3)
Shared/Gen-ed	STAT 240 (4) (iSci Principles of Information and Data Science or iSci Elective; 4 cr), electives and gen-ed courses		Electives and gen-ed courses	
Year 3	Designing for Human Computer Interaction (3)	Machine Learning (3)	Core Information Science courses to reach 21 credits	Statistical Modeling (3)
Shared/Gen-ed	L I S 407 (3) (iSci Communicating Digitally/Core; 3 cr), electives and gen-ed courses		L I S 440, 464 or 501 (3), Electives and gen-ed courses	
Year 4			Core Information Science courses to reach 21 credits	Advanced Computing (3)
Shared/Gen-ed	L I S 461 or 462 (3-4), electives and gen-ed courses		Electives and gen-ed courses	

*L I S 202 is not a required course for the iSci major. It is a good option to take in the first year as a major-specific course.

*L I S 461 or 462 will satisfy the Data Science Ethics foundation course & iSci Ethics, Computing & Society/Core.