

Sample 4-Year Plan: Plant Science and Technology and Data Science

Below is a sample 4-year plan that shows how students might navigate both the Plant Science and Technology 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.

Students completing a double-major with Plant Science and Technology and Data Science will be in the College of Agricultural and Life Sciences. They will add Data Science as an additional major and do not need to complete the Letters & Science College requirements.

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

- *Plant Science and Technology Guide*: <https://guide.wisc.edu/undergraduate/agricultural-life-sciences/plant-agroecosystem-sciences/plant-science-technology-bs/#requirements-text> (CALS, BS)
- *Data Science Guide*: <https://guide.wisc.edu/undergraduate/letters-science/statistics/#degreesmajorscertificate-text> (additional major)

	Fall		Spring	
	<i>PST Major Courses</i>	<i>DS Major Courses</i>	<i>PST Courses</i>	<i>DS Major Courses</i>
Year 1	CHEM 103/109 (4-5) PLANTSCI 110 (4), PLANTSCI 100 (1)	MATH 221 (5)	CHEM 104 (5)	MATH 222 (4)
<i>Shared/Gen-ed</i>			COMP SCI 220 (4) Ethnic studies or CommA	
Year 2	BOTANY 130 (5) AAE 101 (4) SOIL SCI 301 (3)	COMP SCI 320 (4)	ZOO 101 & 102 (5) PLANTSCI 310 (4) CALS IntComp (3)	
<i>Shared/Gen-ed</i>			STAT 240 (4)	
Year 3	Systems Core (3) Environment Core (3) PST Breadth (3)	STAT 340 (4)	Genetics Core (3) PST Breadth (3)	Linear Algebra (3)
<i>Shared/Gen-ed</i>	elective or gen-ed course		F&W ECOL 395 or 458 (3)* electives or gen-ed course	
Year 4	Technology Core (3) PST Depth (3)	Advanced Computing (3) DS Elective (3)	PLANTSCI 510 (2)	Statistical Modeling (3) DS Ethics (3-4)
<i>Shared/Gen-ed</i>	electives or gen-ed course		BSE 405 (3)** electives or gen-ed course	

*F&W Ecol 395 or 458 are recommended as overlapping courses between DS Major Electives and PST Depth Electives.

**BSE 405 is recommended as an overlapping course between DS major Machine Learning electives and PST Depth Elective.