

Sample 4-Year Plan: Statistics and Computer Science

Below is a sample 4-year plan that shows how a student might navigate both the Computer Sciences major and Statistics 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)
- *Statistics Guide:* <https://guide.wisc.edu/undergraduate/letters-science/statistics/#degreesmajorscertificatestext> (select either Statistics BA or BS)

Statistics & Computer Science double Major							
Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
Intro STAT Course: STAT 240 (4), STAT 324 (3), or STAT 371 (3)	Calculus 2: Math 222 (4 cr)	Calculus 3: Math 234 (4) or MATH 376 (5)	R: STAT 303 (1 cr)	Statistical Modeling: STAT 424 (3)	STAT Elective (3 credits)*	STAT Elective (3 credits)*	STAT Elective (3 credits)*
Must have a grade "C" or above in all Calculus Courses			Statistical Modeling: STAT 333 (3) OR STAT 340 (4)	Probability: STAT 309 (3), STAT 311 (3), 431 (3) or MATH 531 (3)	Inference STAT 310 (3)		
Calculus 1: Math 221 (5 cr)			Linear Algebra: MATH 340 (3), 341, 375 (5) or 345 (3)			COMP SCI /STAT Elective Course** (3)	COMP SCI /STAT Elective Course** (3)
Computer Programming: COMP SCI 200 (3)							
General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives
	COMP SCI 300 (3) + COMP SCI 252 (3)	COMP SCI 240 (3) + COMP SCI 400 (3)	COMP SCI 354 (3)	COMP SCI Theory Course (3)	COMP SCI Software & Hardware Course (3)	COMP SCI Application Course (3)	COMP SCI Software & Hardware Course (3)

August 2025

*Please see The Guide for list of STAT Electives.

**Possible overlapping electives include COMP SCI/STAT 471, 475, and 525

Bolded courses are recommended courses for STAT majors

Plain Text Version:

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
Intro STAT Course: STAT 240 (4), STAT 324 (3), or STAT 371 (3)	Calculus 2: Math 222 (4 cr)	Calculus 3: Math 234 (4) or MATH 376 (5)	R: STAT 303 (1 cr) + Statistical Modeling: STAT 333 (3) OR STAT 340 (4)	STAT 424 (3) + Probability: STAT 309 (3), STAT 311 (3), 431 (3) or MATH 531 (3)	STAT Elective (3 credits)* + Inference STAT 310 (3)	STAT Elective (3 credits)*	STAT Elective (3 credits)*
Calculus 1: Math 221 (5 cr)							
Computer Programming: COMP SCI 200 (3)			Linear Algebra: MATH 340 (3), 341 , 375 (5) or 345 (3)			COMP SCI /STAT Elective Course** (3)	COMP SCI /STAT Elective Course** (3)
General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives	General Education/ Breadth requirements or electives
	COMP SCI 300 (3) + COMP SCI 252 (3)	COMP SCI 240 (3) + COMP SCI 400 (3)	COMP SCI 354 (3)	COMP SCI Theory Course (3)	COMP SCI Software & Hardware Course (3)	COMP SCI Application Course (3)	COMP SCI Software & Hardware Course (3)

Students must earn a C or above for all Calculus courses to fulfill Calculus requirements.

*Please see The Guide for list of STAT Electives.

**Possible overlapping electives include COMP SCI/STAT 471, 475, and 525

Bolded courses are recommended courses for STAT majors