

## Sample 4-Year Plan: Statistics and Data Science

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

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

|                      | <b>Fall</b>                                                     |                         | <b>Spring</b>                                               |                           |
|----------------------|-----------------------------------------------------------------|-------------------------|-------------------------------------------------------------|---------------------------|
|                      | <i>Stat Major Courses</i>                                       | <i>DS Major Courses</i> | <i>Stat Major Courses</i>                                   | <i>DS Major Courses</i>   |
| Year 1               |                                                                 |                         |                                                             | COMP SCI 320 (4)          |
| <i>Shared/Gen-ed</i> | COMP SCI 220 (4), MATH 221 (5),<br>electives and gen-ed courses |                         | MATH 222 (4), electives and gen-ed<br>courses               |                           |
| Year 2               | MATH 234 (4)                                                    |                         | STAT 303 (1)                                                |                           |
| <i>Shared/Gen-ed</i> | STAT 240 (4), electives and gen-ed<br>courses                   |                         | MATH 340 (3), STAT 340 (4), electives<br>and gen-ed courses |                           |
| Year 3               |                                                                 | L I S 461 (3-4)         |                                                             | Advanced<br>Computing (3) |
| <i>Shared/Gen-ed</i> | STAT 424 (3), STAT 309 (3), electives<br>and gen-ed courses     |                         | STAT 310 (3), electives and gen-ed<br>courses               |                           |
| Year 4               | Stat Elective (3),<br>Stat Elective (3)                         |                         | Stat Elective (3),<br>Stat Elective (3)                     |                           |
| <i>Shared/Gen-ed</i> | STAT 451 (or 453 in spring, 3),<br>electives and gen-ed courses |                         | Electives and gen-ed courses                                |                           |