Statistics and Data Science (BS) + Economics (BS): Sample Curriculum

**First Year**
- Intro to Stat.
- Biometrics II
- or Business & Econ. Stats. I
- Intro to Stat. STAT 325 (3)
- Biometrics I
- STAT 341 (3)*
- or Business & Econ. Stats. II
- STAT 351 (3)*

**Sophomore Year**
- Calculus I
- MATH 220 (4)
- Calculus II
- MATH 221 (4)
- Calculus III
- MATH 222 (4)
- Programming
- CIS 111 (3)
- CIS 209 (3) or
- CIS 200 (4)
- Intermed. Microecon.
- ECON 510(3)
- or Theory
- ECON 521(3)

**Junior Year**
- Intro. Probability and Statistics I
- STAT 510 (3)**
- or Applied Lin.
- Stat. Models
- STAT 713 (3)
- Quantitative Elective***
- Quantitative Elective***

**Senior Year**
- Survey Meth.
- STAT 710 (2)
- or Design for Prod./Process.
- STAT 722(3)
- Alternate term: 700-level STAT course (not STAT 701 or STAT 703)
- Intro. to R Computing
- STAT 726 (1)
- Senior Seminar
- ECON 580(3)
- ECON elective
- 3 of 5
- ECON elective
- 4 of 5
- ECON elective
- 5 of 5

**Notes:**
- The following also needs to be considered in the College-level general education requirements:
  - The social science courses need to be from three different disciplines.
  - One social science course must be 500+ or carry a prerequisite in the same department.
  - One of the general education courses needs to fulfill the International Overlay requirement.

*** The quantitative electives must bring the statistics core classes to 50 credits (the number of classes required to do this may vary). Courses must be at the 400-level or above and may include IMSE 541, IMSE 785, ECON 630, math, computer science, statics (excluding 701 and 703) or a course in another area with substantial quantitative content (ask for approval).

**Total Hours: 121+**

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