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

| First Year |  |
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| Intro to Stat. STAT 325 (3), Biometrics I | Biometrics II STAT 341 (3)* |
| STAT 340 (3), or Business \& Econ. Stats. I STAT 350 (3)* | or Business \& Econ. Stats. II STAT 351 (3)* |

* STAT courses at the 400-level or higher may replace either or both of the 300-level STAT courses in this sequence, but credit may be received for only one of STAT 701 or STAT 703


| Public Speaking COMM 105 (2) or 106 (3) | Western Heritage (3) | Literary / Rhetorical Arts (3) | Fine Arts (2-3) | ENGL 516 (3) | Soc. Science(3) Non-ECON | Additional sciences (3-5) | $\begin{gathered} \text { Philosophy (3) } \\ \text { NOT 110, 320, } \\ 510 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Expository <br> Writing <br> ENGL 100 (3) | Expository <br> Writing II <br> ENGL 200 (3) |  | Physical Sciences w/ Lab (4-5) | Life Sciences w/ Lab, e.g. Prin. of Biology BIOL 198 (4) | Adv. Science (with pre-req. in same dept.) (3-5) |  | $\begin{aligned} & \text { Soc. Science(3) } \\ & 3^{\text {rd }} \text { dept. } \end{aligned}$ |
| 15-16 credits | 16 credits | 16-17 credits | 15-17 credits | 16 credits | 15-17 credits | 13-16 credits | 15 credits |

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 Internationa 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)..

The following remaining K-State 8 requirements should be considered when selecting courses for the College-level general education requirements:
回 Aesthetic Experience and Interpretive Understanding
速 Ethical Reasoning and Responsibility
Global Issues and Perspectives

- Historical Perspectives

표 Human Diversity within the U.S.
Natural and Physical Science
B. Social Sciences

The BS also requires 120 credits; 45 in upper-division courses. Additional courses may be needed to meet this requirement.

Total Hours: 121+

