

Name _____

WID _____

Entrance Date _____

KANSAS STATE UNIVERSITY

College of Arts and Sciences

BACHELOR OF SCIENCE DEGREE

Curriculum and Graduation Requirements Guide

BASIC REQUIREMENTS	HR	GR
See Current Listing for Courses that Fulfill Requirements:		
Expository Writing I (3)		
Expository Writing II (3)		
Public Speaking (2-3)		
Humanities: 4 courses (11)		
1. Fine Arts		
2. Philosophy (except Logic)		
3. Western Heritage		
4. Literary or Rhetorical Arts		
Social Science: 4 courses (12)		
1		
2		
3		
4 (course w/ prereq in same dept or 500-level or above)		
Natural Sciences: 4 courses (14)		
1. Life Science with Lab		
2. Physical Science with Lab		
3. Life or Physical Science		
4. Course w/ prereq in same department		
Quantitative: (4-9)		
1.		
2.		
3.		
International Overlay: 1 course (3)		

Retakes

1. _____
2. _____
3. _____
4. _____
5. _____

Activity Hours - 4 - 8 hours

- | | |
|----------|----------|
| 1. _____ | 5. _____ |
| 2. _____ | 6. _____ |
| 3. _____ | 7. _____ |
| 4. _____ | 8. _____ |

MAJOR

Statistics and Data Science

07/16

A grade of "C" in each course taken as part of the major is required for graduation.

	Credit	Grade
Cis 111 - Intro to Computer Programming OR	3	
Cis 200 - Fund of Computer Programmings OR	4	
Cis 209 - C Programming for Engineers	3	

Engl 516 - Written Comm for the Sciences 3

Math 220 - Analytic Geom & Calc I 4

Math 221 - Analytic Geom & Calc II 4

Math 222 - Analytic Geom & Calc III 4

Math 515 - Introduction to Linear Algebra **OR** 3

Math 551 - Applied Matrix Theory 3

Stat 341 - Biometrics II **OR** 3

Stat 351 - Business & Econ Stats II 3

*STAT courses at the 400 level or higher may replace either or both of the 300-level STAT courses

Stat 510 - Intro Probability & Stat I 3

Stat 511 - Intro Probability & Stat II 3

Stat 705 - Regression & Analysis of Variance **OR** 3

Stat 713 - Applied Linear Statistical Models 3

Stat 725 - Intro to SAS Computing 1

Stat 726 - Intro to S plus/R Computing 1

One of Stat 325, 340, or 350 3

One of Stat 710, 720, or 722 3

One additional STAT course at 700-level (excluding 701 and 703) 3

One additional STAT course at 700-level (excluding 701 and 703) 3

*Upper-division quantitative electives to give a total of 50 credit hours. Courses must be at the 400-level or above, and may include IMSE 541, IMSE 785, ECON 630, math, computer science, statistics (excluding STAT 701 and STAT 703), or course in other area with substantial quantitative content. Note that courses at the 400 level or above may replace either or both of the 300-level STAT courses, but credit may be received for only one of STAT 701 or STAT 703. STAT 770 and 771 may replace STAT 510 and STAT 511, respectively, subject to departmental approval.

Advisor: _____

Date: _____

***20 of the last 30 credit hours must be K-State coursework**
***45 credit hours at the 300 level or above are required for graduation**

TRANSFER CREDITS PRESENTED

Only 1/2 of the hours required for a KSU Degree can be applied from a two-year college.

College or University	Hours
_____	_____
_____	_____
_____	_____
_____	_____

K-State 8

Aesthetic Interpretation	Human Diversity within the U.S.
Historical Perspectives	Natural and Physical Sciences
Global Issues and Perspectives	Social Sciences
Ethical Reasoning and Responsibility	Empirical and Quantitative Reasoning

Free Elective

Graduation Requirements

TOTAL hours required 120

KSU graded hours attempted _____

Plus:

KSU non-graded hours applied _____

Transfer credit hours applied _____

Less:

KSU hours of F _____

Below 100 level course _____

Extra Activity Hours _____

Total: _____

CURRENT SEMESTER: _____

REMAINING HOURS: _____

REMAINING 300+ HOURS: _____

OVERALL KSU GPA _____