

Name _____
 WID _____
 Entrance Date _____

KANSAS STATE
UNIVERSITY
 College of Arts and Sciences
 MAJOR

BACHELOR OF SCIENCE DEGREE **2020-21**

Curriculum and Graduation Requirements Guide

BASIC REQUIREMENTS	HR	GR
See Current Listing for Courses that Fulfill Requirements:		
Expository Writing I	(3)	3
Expository Writing II	(3)	3
Public Speaking	(2-3)	2
Humanities: 4 courses	(11)	
1. Fine Arts		2
2. Philosophy (except Logic)		3
3. Western Heritage		3
4. Literary or Rhetorical Arts		3
Social Science: 2 Courses (Not GEOG)	(6)	
		3
Natural Science (Min 2 hours)	(2)	
		4
International Overlay: 1 course	(3)	
		3
US Multicultural Overlay: 1 course	(3)	
		3

Geographic Information Science & Technology (78 Hours)

Math, Sci, & Soc Sci (Choose 27 Hours)

	Credit	Grade
BIOL 198 - Principles of Biology	4	
GEOG 100 - World Geog & Globalization	3	
GEOG 121 (& 122) - Intro Phys Geog + Lab	3 or 4	
GEOG 200 - Human Geography	3	
MATH 205 - Gen Calc & Linear Algebra	3	
MATH 312 - Finite Applications of Math	3	
PHILO 386 - Philo of Comp Sci & Soft Eng	3	
PHYS 101 (& 103) - The Phys World + Lab	3 or 4	
STAT 325 - Intro To Statistics	3	

Computational Core (23 Hours)

CC 110 - Intro To Computing	3	
CC 210 - Fund Comp Prog Concepts	4	
CC 310 - Data Structures & Alg I	3	
CC 315 - Data Structures & Alg II	3	
CC 410 - Advanced Programming	4	
CC 520 - Database Essentials	3	
CMST 135 - Web Fundamentals	3	

Geospatial Core (Choose 25 Hours)

GEOG 302 - Cart & Thematic Mapping	3	
GEOG 508 - Geog Information Systems I	4	
GEOG 602 - Comp Map & Geog Visual	3	
GEOG 605 - Remote Sense of the Environ	3	
GEOG 608 - Geog Information Systems II	3	
GEOG 705 - Thematic Remote Sensing	3	
GEOG 706 - Biophysical Remote Sensing	3	
GEOG 707 - Remote Sensing of Water	3	
GEOG 712 - Internet GIS & Dist Geog Info	3	
GEOG 728 - Prog for Geog Analysis	3	

Experimental Learning (1 hour) [From GEOG 497 or 610]

	1	
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Capstone Experience (2 hours)

GEOG 495 - Capstone in Geography	2	
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Electives (15 Hours)

Advisor: _____

Date: _____

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

***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**

Retakes

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

Activity Hours - 4 - 8 hours

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

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

Arts and Sciences Basic Requirements: http://artsci.k-state.edu/student-resources/academics/advising_resources/Requirement%20sheets.pdf
 K-State 8 Course List: <http://www.k-state.edu/kstate8/lists/>