

Name _____
 WID _____
 Entrance Date _____

KANSAS STATE UNIVERSITY

College of Arts and Sciences
 MAJOR

BACHELOR OF SCIENCE DEGREE **Spring 2019**

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)		
US Multicultural Overlay: 1 course (3)		

Retakes

1.	4.
2.	5.
3.	

Activity Hours - 4 - 8 hours

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

Biochemistry

You must have a 2.2 GPA and a C or better in all required science and math courses taken at K-State

Biochemistry Track

Biochemistry Courses	Credit	Grade
BIOCH 110 - Biochemistry and Society	3	
BIOCH 521 - General Biochemistry	3	
BIOCH 522 - General Biochemistry Lab	3	
BIOCH 755 - Biochemistry I	3	
BIOCH 756 - Biochemistry I Laboratory	2	
BIOCH 765 - Biochemistry II	3	
BIOCH 775 - Molecular Biophysics	3	

Biology Courses

BIOL 198 - Principles of Biology	4	
BIOL 450 - Modern Genetics	4	
BIOL 455 - General Microbiology	4	
BIOL 541 - Cell Biology	3	

Chemistry Courses

CHM 210 - Chemistry I	4	
CHM 230 - Chemistry II	4	
CHM 350 - General Organic Chemistry	3	
CHM 351 - General Organic Chemistry Lab	2	
CHM 371 - Chemical Analysis	4	
CHM 500 - General Physical Chemistry	3	

Mathematics Courses

MATH 220 - Analytic Geometry and Calculus I	4	
MATH 221 - Analytic Geometry and Calculus II	4	

Physics Courses

PHYS 113 OR PHYS 213 - General Physics I	4	
PHYS 114 OR PHYS 214 - General Physics II	4	

Statistics Courses

STAT 703 - Intro to Statistical Methods	3	
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Upper-division electives from: BIOCH, CHM, BIOL, STAT, CIS, MATH, analytical geometry and calculus III, or differential equations (12 Credit Hours)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Advanced Biochemistry Laboratories (BIOCH 757, 758, 766, 767, 799)

_____	1	_____
_____	1	_____

*CHM 210 & 230 & 371 may be replaced with 220 & 250, CHM 350 & 351 with 531 & 532

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

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://arts.k-state.edu/student-resources/academics/advising_resources/Requirement%20sheets.pdf
 K-State 8 Course List: <http://www.k-state.edu/kstate8/lists/>