Name _____
WID _____
Entrance Date

KANSAS STATE UNIVERSITY
College of Arts and Sciences

BACHELOR OF SCIENCE DEGREE **2018-19**

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.

MAJOR

Biochemistry

You must have a GPA 2.2 or higher in required science and mathematics courses taken at K-State.

You must have a grade of C or better in all science and mathematics courses required for the degree

Biochemistry Medical Track	*Credit*	*Grade*
Biology Courses		
BIOL 198 - Principles of Biology	4	
BIOL 450 - Modern Genetics	4	
BIOL 455 - General Microbiology	4	
BIOL 541 - Cell Biology	3	
BIOL 670 - Immunology	4	
Biochemistry Courses		
BIOCH 110 - Biochemistry and Society	3	
BIOCH 521 - General Biochemistry	3	
BIOCH 522 - General Biochemistry Lab	3	
BIOCH 571 - Medical Biochemistry	3	
Chemistry Courses		
CHEM 210 - Chemistry I	4	
CHEM 230 - Chemistry II	4	
CHEM 350 - General Organic Chemistry	3	
CHEM 351 - General Organic Chemistry Lab	2	
CHEM 371 - Chemical Analysis	4	
Mathematics Courses		
MATH 220 - Analytic Geometry and Calculus I	4	
Physics Courses		
PHYS 113 - General Physics I	4	
PHYS 114 - General Physics II	4	
Statistics Courses		
STAT 340 - Biometrics I	3	
STAT 341 - Biometrics II	3	
Two of these three options		
BIOCH 755 - Biochemistry I **OR** BIOCH 765 - Biochemistry II **OR** any 700 level 3 hour BMB course	3	
	3	
Upper division electives in BIOCH, CHM, BIOL, MATH, STAT, CIS (20 credit hrs)		
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 Quantitiative 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://artsci.k-state.edu/student-resources/academics/advising_resources/Requirement%20sheets.pdf
K-State 8 Course List: http://www.k-state.edu/kstate8/lists/