

Name \_\_\_\_\_  
 WID \_\_\_\_\_  
 Entrance Date \_\_\_\_\_

# KANSAS STATE UNIVERSITY

College of Arts and Sciences  
MAJOR

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.

**Biochemistry**

*BIOCH 757, 758, 766, 767 can be applied to the requirement for BIOCH 799  
 You must have a GPA 2.2 or higher in required science and math courses*

<u>Biochemistry Track</u>	<u>Credit</u>	<u>Grade</u>
<b>Biochemistry Courses</b>		
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	
BIOCH 799 - Problems in Biochemistry	1	

**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 - General Physics I	4	
PHYS 114 - General Physics II	4	

**Statistics Courses**

STAT 703 - Intro to Statistical Methods	3	
Upper-division biochemistry, chemistry, biological science, statistics, computer science, analytical geometry and calculus III, or differential equations elective		
	(13 Credits)	

_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	

<b>Advanced Biochemistry Laboratories (BIOCH 757, 758, 766, 767)</b>	1	
_____	1	

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://artsci.k-state.edu/student-resources/academics/advising\\_resources/Requirement%20sheets.pdf](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/>