

Name _____

WID _____

Entrance Date _____

KANSAS STATE UNIVERSITY

College of Arts and Sciences

MAJOR

BACHELOR OF SCIENCE DEGREE 2018-19

Curriculum and Graduation Requirements Guide

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	_____

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.

Chemistry

Student must earn grades of C or better in all major coursework.

Biochemistry - 3 hours

	Credit	Grade
BIOCH 521 - General Biochemistry	3	
OR		
BIOCH 755 - Biochemistry I	3	

Physics - 10 hours

PHYS 213 - Engineering Physics I	5	
PHYS 214 - Engineering Physics II	5	

Chemistry - 39-41 hours

CHM 220 - Chem Principal I AND	5	
CHM 250 - Chem Principal II	5	
OR		
CHM 210 - Chemistry I AND	4	
CHM 230 - Chemistry II AND	4	
CHM 371 - Chemical Analysis	4	
CHM 200 - Frontiers in Chemistry	0	
CHM 531 - Organic Chemistry I	3	
CHM 532 - Organic Chemistry Lab	2	
CHM 550 - Organic Chemistry II	3	
CHM 566 - Instrumental Meth of Analy	3	
CHM 585 - Physical Chemistry I	3	
CHM 595 - Physical Chemistry II	3	
CHM 596 - Physical Methods Lab	2	
CHM 599 - Senior Thesis Research	2	
CHM 657 - Inorganic Techniques	2	
CHM 711 - Inorganic Chemistry I	3	
CHM 712 - Inorganic Chemistry II	3	

***OR** CHM 712 may be replaced with CHM 752
CHM 752 - Advanced Organic Chemistry

***OR** CHM 712 may be replaced with:

BIOCH 755 - Biochemistry I AND	3	
BIOCH 756 - Biochemistry I Lab AND	2	
BIOCH 765 - Biochemistry II	3	

****CHM 657 may be taken for 1 or 2 hours**

Mathematics - 12 hours

MATH 220 - Analytic Geom & Calc I	4	
MATH 221 - Analytic Geom & Calc II	4	
MATH 222 - Analytic Geom & Calc III	4	

Advisor: _____

Date: _____

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/>