

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

Physics

Mathematics (12 Credits)

	Credits	Grade
MATH 220 - Analytic Geometry and Calculus I	4	
MATH 221 - Analytic Geometry and Calculus II	4	
MATH 222 - Analytic Geometry and Calculus III	4	
MATH 240 - Elementary Differential Equations	4	

Physics (46 Credits)

PHYS 122 - Physics Today	1	
PHYS 123 - Physics Today II	1	
PHYS 223 - Physics I, Mechanics, and Thermo	5	
PHYS 224 - Physics II, Electromagnetism, & Sound	5	
PHYS 325 - Physics III, Relativity, & Quantum Phys	4	
PHYS 506 - Advanced Physics Lab	4	
PHYS 522 - Mechanics	4	
PHYS 532 - Electromagnetic Fields I	4	
PHYS 633 - Electromagnetic Fields II	3	
PHYS 662 - Intro to Quantum Mechanics	4	
PHYS 664 - Thermodynamics & Stats	3	
PHYS 636 - Physical Measmt & Instrum	5	
PHYS 709 - Applied Quantum Mechanics	3	

Advanced Physics Elective (6 credit hours) from: PHYS 620, 639, 642, 651, 652, 655, 694, either 691 OR 692

Chemistry I and II are strongly recommended for Physics majors

CHM 210 - Chemistry I	4	
CHM 230 - Chemistry II	4	

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
 K-State 8 Course List: <http://www.k-state.edu/kstate8/lists/>