Name _____

WID _____

Entrance Date _____

KANSAS STATE UNIVERSITY

College of Arts and Sciences

BACHELOR OF SCIENCE DEGREE

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)		

Retakes

1.
2.
3.
4.
5.

Activity Hours - 4 - 8 hours

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

MAJOR

Physics **07/15**

	Credit	*Grade*
Phys 122 - Physics Today I	1	
Phys 123 - Physics Today II	1	
Phys 223 - Physics I	5	
Phys 224 - Physics II	5	
Phys 325 - Physics III	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	
Phys 6xx - Advanced physics elective - 6 hours		
Math 220 - Calculus I	4	
Math 221 - Calculus II	4	
Math 222 - Calculus III	4	
Math 240 - Elem Diff Equations	4	

Chemistry I and II (CHM 210 and 230) are strongly recommended for all physics majors.

	4	
	4	

The advanced physics elective must be chosen from the following courses:

Phys 620 - Teaching University Physics	3
Phys 639 - Computation in Physics	3
Phys 642 - Nuclear Physics	3
Phys 651 - Introduction to Optics	4
Phys 652 - Applied Optics & Optical Measurements	3
Phys 655 - Physics of Solids	3
*Phys 691 - Astrophysics	3
*Phys 692 - Intro to Cosmology	3
Phys 694 - Particle Physics	3

*Only one of these courses can be applied to the advanced physics elective.

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

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	

***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**