

Name _____

WID _____

Entrance Date _____



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 - General Physics

06/15

	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	3	_____
Phys 522 - Mechanics	4	_____
Phys 532 - Electromagnetic Fields I	4	_____
Phys 662 - Intro to Quantum Mechanics	4	_____
Phys 664 - Thermodynamics & Stats	3	_____
<i>Phys 6xx - Advanced physics elective - 3 hours</i>		
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.

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

Phys 620 - Teaching University Physics	3	_____
Phys 636 - Physical Measurements	3	_____
Phys 639 - Computation in Physics	3	_____
Phys 642 - Nuclear Physics	3	_____
Phys 651 - Introduction to Optics	3	_____
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	_____

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 Perspective	Social Sciences
Ethical Reasoning and Responsibility	
Empirical and Quantitative Reasoning	

Free Elective

Graduation Requirements

TOTAL hours required	_____
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**

