

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**

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

**Activity Hours - 4 - 8 hours**

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

**MAJOR**  
**Biochemistry and Molecular Biophysics 07/15**

A grade of 'C' or better is required for ALL science and mathematics courses required for the degree. Students must also have at least a 2.2 GPA in all KSU major courses.

	Credit	Grade
Bioch 110 Biochem & Society	3	
Chm 210 - Chemistry I <b>AND</b>	4	
Chm 230 - Chemistry II <b>AND</b>	4	
Chm 371 - Chemical Analysis	4	
Chem 350 Gen Org Chem	3	
Chem 351 Gen Org Chem Lab	2	
Chem 500 - General Physical Chem	3	
Bioch 521 - General Biochemistry	3	
Bioch 755 - Biochemistry I	3	
Bioch 756 - Biochemistry I Lab	2	
Bioch 765 - Biochemistry II	3	
Stat 703 - Intro to Statistical Methods for Sciences	3	
<i>Up to two credit hours of Advanced Biochemistry Laboratories (BIOCH 757, BIOCH 758, BIOCH 766, BIOCH 767) can be applied to requirement for BIOCH 799</i>		
Bioch 799 - Problems in Biochemistry	1-18	
Biol 198 - Principles of Biology	4	
Biol - 450 - Modern Genetics	4	
Biol 455 - General Microbiology	4	
Biol 541 - Cell Biology	3	
Math 220 - Analytic Geo & Calc I	4	
Math 221 - Analytic Geo & Calc II	4	
Math 222 - Analytic Geometry and Calculus 1	4	
Phys 113 - General Physics I	4	
Phys 114 - General Physics II	4	
Phys 213 - Engineering Physics 1 <b>OR</b>	5	
Phys 223 - Phys 1, Mech. & Thermodynamics	5	
Phys 214 - Engineering Physics 11 <b>OR</b>	5	
Phys 224 - Phys II Electromagnetism & Sound	5	
Phys 325 - Phys III Relativity, & Quantum Phys	4	
Phys 664 - Thermodynamics & Stat Phys <b>OR</b>	3	
PHYS 775 - Biological Physics	3	

**Upper-Division electives credits: (6)** biochemistry, chemistry, biological sciences, statistics, computer science, and math

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**

**Graduation Requirements**

TOTAL hours required	124
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**

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