



Name \_\_\_\_\_  
WID \_\_\_\_\_  
Entrance Date \_\_\_\_\_

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

**Microbiology**

	Credit	Grade
<b>Block A:</b>		
MATH 220 - Analytical Geometry & Calculus	4	
CHM 210 - Chemistry I	4	
CHM 230 - Chemistry II	4	
CHM 350 - General Organic Chemistry	3	
CHM 351 - General Organic Chemistry Lab	2	
BIOCH 521 - General Biochemistry	3	
PHYS 113 - General Physics I	4	
PHYS 114 - General Physics II	4	
3-4 Hours from STAT 325, 340, 701, 703; MATH 221, 551, 615; CIS 111, 200		

*Upon consultation with a Division of Biology advisor a student may substitute: Biochemistry I and II for General Biochemistry; Organic Chemistry I and II for General Organic Chemistry; Organic Chemistry I Lab for General Organic Chemistry Lab; and Engineering Physics I and II for General Physics I and II.*

**Block B:**

BIOL 198 - Principles of Biology	4	
BIOL 450 - Modern Genetics	4	
BIOL 455 - General Microbiology	4	
BIOL 541 - Cell Biology	3	
BIOL 670 - Immunology	4	
BIOL 675 - Genetics of Microorganisms	3	
BIOL 687 - Microbial Ecology	3	

**Block C:**  
Students must take an additional 10 hours from courses listed. 5 to 10 hours from List 1 can be taken. Up to 5 hours from List 2 can be taken. At least 5 of the 10 hours must be lab credits. **List 1:** AGRON 645, 646; BIOL 365, 410, 495 OR 697, 520, 530, 545, 546, 604, 609, 625, 671, 676, 690, 698, 705, 707, 730, 731; FDSCI 600, 601. **List 2:** ASI 540, 720; BIOCH 522, 571, 756, 766, 767, 775; DMP 705, 708, 754, 770; PLPTH 500, 585, 610.

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](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/>