

College of Arts and Sciences

Student Name	
WID or KSIS ID	

F24 Program Year

Bachelor of Science (BS) Microbiology

ee your Degree Audit (DAKS) for a full list of courses that can fulfill	_
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A/Pass/Fail: Students are encouraged to work with their academic advisor prior to selecting this option. Courses with the A/P/F grading scale are not eligible for KSC, major, program requirements, or any secondary major/minor/certificate.

This document is meant as a guide for you and your advisor to use as you track progress towards degree completion and should not be viewed as an official document.

K-State Core (35 credits)				Microbiology (64 credits)	Arts & Sciences Program Requirements (10 credits)					
https://www.k-state.edu/provost/kstate-core/index.html	Credit	Grade			Credit	Grade		Credits	s Grade	
Requirement 1: English	6		Foundational Courses		38		Orientation	1		
Complete both courses below.				Principles of Biology *Required for K-State Core	0		Any orientation will be accepted. See College catalog page for course lists.			
ENGL 100 Expository Writing I			BIOL 450	Modern Genetics			BIOL 100 Biology First Year Orientation			
ENGL 200 Expository Writing II			BIOL 255	General Micorbiology			Outside Concentration	9+		
Requirement 2: Communication	3		BIOL 541	Cell Biology			Choose one (1) option: Outside major, minor, secondary major, or certificate;	any nine (S	9) credits	
Choose from one course (3 credits): COMM 106 or COMM 322			BIOCH 521	General Biochemistry			in a single prefix; or any 9-credit microcredential. Except for BIOL			
			Choose one Ch	emistry sequence (8-10 credits): CHM 210 & 230 or CHM 220 & 2	250					
Requirement 3: Math & Statistics	4									
Choose one course from the Math and Statistics list.										
MATH 220 Analytic Geometry and Calculus I			Choose one Or	ganic Chemistry pair (5 credits): CHM 350 & 351 or CHM 531 & 5	532		Overlays	[9]		
Requirement 4: Natural & Physical Sciences	4						May be filled in K-State Core, BA/BS specific requirements, Outside Concentral	ion, electiv	ves, or	
Choose one subject area which must include a lab, from the Natural & Physical	Sciences	List.					courses in the Program.		·	
BIOL 198 Principles of Biology			MATH 220	Analytic Geometry and Calculus I *Required for KSC	0		Ethical Reasoning: 1 course			
Requirement 5: Social & Behavioral Sciences	6		Choose one Ph	ysics sequence (8-10 credits): PHYS 113 & 114 or PHYS 213 & 21-	4			T		
Choose at least two (2) courses from two (2) subject areas on the Social & Beha	avioral Sc	iences					Global Perspectives: 1 course			
LIST								Т		
			Chanse one co	urse (3-4 credits) from STAT 225,240, 701, 703; MATH 221, 551,	615 CC 1	110 &	US Multicultural: 1 course			
Requirement 6: Arts & Humanities	6		111, 210; CIS 2		010, 00 1	.10 a		T		
Choose at least two (2) courses from two (2) subject areas on the Arts and Hun	nanities L	ist.					TOTAL CREDITS COMPLETED/IN-PROGRESS	i:	0	
			Microbiolo	ogy Options (students must declare a sub-option to						
			graduate)	gj chione (stadents mast decide a sub option to	9		Free Electives (11+ credits)			
Requirement 7: Free Electives	6		General Mic	General Microbiology			Course credits to complete the 120 credits required for graduation.			
Includes ALL 100 and 200 level courses at K-State or in Transfer. See full listing	of K-State		Evolution OR E Microbial Ecol	evolution of Infectious Disease, Genetics of Microorganisms,				$\overline{}$		
100/200 level courses via the University Course Catalog.			Medical Microbiology				+			
				Choose 2 of the following: Pathogenic Microbiology, sitology, Genetics of Microorganisms, Virology				+		
			Major Electi		11			+		
TOTAL CREDITS COMPLETED/IN-PROGRESS	:	0				,		+		
, , , , , , , , , , , , , , , , , , , ,			elsewhere.	of 11 hours with at least 5 hours of labs. No course used here ca	n be used	1		+		
K-State University Requirements		1						+		
Transfer and Prior Learning credits applied to degree:								+		
KSU graded and non-graded credits applied to degree:							TOTAL CREDITS COMPLETED/IN-PROGRESS	:	0	
Current semester credits in progress:	1	1								
TOTAL credits completed/in-progress	0		BS Arts, Hui	nanities, and Social Sciences Restricted Electives	6		Specific Major Requirements			
Remaining credits required for degree completion:	120		-	K-State Core, choose three (3) credits in Fine Arts or Humanities (ie or				
TOTAL credits required	120	1	combination o	f courses) and three (3) credits in Social Science. At least one (1) of	Alternative Course Options: BIOCH 521> BIOCH 755 (with BIOCH 765 recommended) CHM 350> CHM 531 (with CHM 550 recommended)					
45 credits at 300-level or higher required. Remaining credits:	+	1	above OR at a course lists.	ny level with a pre-requisite in the same discipline. See College ca						
Minimum 30 credits at K-State		1					CHM 351> CHM 532			
15 of the last 30 credits earned must be completed at K-State	e	1	PHYS 113> PHYS 213							
Max of 60 credits transfer from an accredited two-year colle		1		TOTAL CREDITS COMPLETED/IN-PROGRESS:		0	PHYS 114> PHYS 214			
Max of 30 credits from Credit for Prior Learning (CPL)		1			!	-	K-Si	ate GPA	\Box	
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