

## College of Arts and Sciences

Student Name	
WID or KSIS ID	

Bachelor of Science (BS)
Biology - 7 Degree Sub-Options
F24 Program Year

See your Degree Audit (DARS) for a full list of courses that can fulfill requirements.

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)				Biology B.S. (66-67 credits)			Arts & Sciences Program Requirements (10 credits)		
https://www.k-state.edu/provost/kstate-core/index.html	Credits	Grade			Credits	Grade	Credits Gr		
Requirement 1: English	6		Required Bi	ology Courses	34-35		Orientation 1		
Complete both courses below.			BIOL 198	Principles of Biology *Required in K-State Core			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 520 or	Evolution or Evolution of Infectious Disease			Outside Concentration 9+		
Requirement 2: Communication 3			BIOCH 521 General Biochemistry				Choose one (1) option: Outside major, minor, secondary major, or certificate; any nine (9) credits		
Choose from one course (3 credits): COMM 106 or COMM 322			CHM 210	Chemistry I			in a single prefix; or any 9-credit microcredential. Except for BIOL.		
			CHM 230	Chemistry II					
Requirement 3: Math & Statistics	4		CHM 350	General Organic Chemistry					
Choose one course from the Math and Statistics list.			CHM 351	General Organic Chemistry Lab					
MATH 220 Analytic Geometry and Calculus 1			MATH 220	Analytic Geometry and Calculus 1 *Required in KSC			Overlays [9]		
Requirement 4: Natural & Physical Sciences	4		PHYS 113	General Physics I			May be filled in K-State Core, BA/BS specific requirements, Outside Concentration, electives,		
Choose one subject area which must include a lab, from the Natural & Physical	Sciences L	ist.	PHYS 114	General Physics II			courses in the Program.		
BIOL 198 Principles of Biology			Choose one co	ourse (3-4 credits) from: STAT 225, 240, 701, 703; MATH 221, 551	. 615: CC	110 &	Ethical Reasoning: 1 course		
Requirement 5: Social & Behavioral Sciences	6		111, 210; CIS 2		,,				
Choose at least two (2) courses from two (2) subject areas on the Social & Beha	ivioral Scie	ences					Global Perspectives: 1 course		
LIST			Biology Opt	tions & Bio. Electives (must complete one option to	26 - 45	<u> </u>			
			Animal Bio	ology			US Multicultural: 1 course		
Requirement 6: Arts & Humanities	6			Bio. (5 cr), Cell Bio. (3cr), Physiological Adaptations	26				
Choose at least two (2) courses from two (2) subject areas on the Arts and Hum.	nanities Lis	st.	of Animals	(4 cr), plus 14 cr Bio. Electives			TOTAL CREDITS COMPLETED/IN-PROGRESS: 0		
			Cellular and	Molecular Biology					
			Microbiolog	y (4 cr), Cell Bio. (4 cr), Molecular Bio. of Genes and			Free Electives (9+ credits)		
Requirement 7: Free Electives	6			3 cr), <i>One of the following:</i> Phage Hunters 1 OR Mol. ab OR Bio. Internship OR Biol. Research (3 cr), plus	•		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 o				onal Biology					
100/200 level courses via the University Course Catalog.	oj K-State		Fin. Applic. of I	Math. (3 cr), Into to Computing (3 cr), Elements of Comp. cr), Programming Fundamentals (4 cr), Data Structures & Algor. 1					
			(3 cr), Data Str	ruct. & Algor. 2 (3 cr), Adv. Programming (4 cr), Intro. Program	45				
				Sci. & Analyt. OR Applied Data Sci. (3 cr), Intro to Genetics and s, 6 cr slect BIOL STAT CIS CC or MATH, plus 12 cr Bio. Electives					
TOTAL CREDITS COMPLETED/IN-PROGRESS:	. (	)	Ecology and	Evolutionary Biology					
			Organismic	Bio. (5 cr), Ecology (3 cr), Ecology Lab (1 cr),	26				
K-State University Requirements			Populations	s Bio. (3 cr) + 14 cr Bio. Electives					
Transfer and Prior Learning credits applied to degree:			Human Hea	Ith Biology					
KSU graded and non-graded credits applied to degree:				dy 1 (4 cr), Human Body 2 (4 cr), Microbiology (4 cr),	26		TOTAL CREDITS COMPLETED/IN-PROGRESS: 0		
Current semester credits in progress:			Cell Bio. (3	cr), plus 11 cr Bio. Electives					
TOTAL credits completed/in-progress	0		Integrative	Biology			Specific Major Requirements		
Remaining credits required for degree completion:	120			Bio. (5 cr), Ecology (3cr), Cell Bio. (3 cr) + 15 cr Bio.	. 26		Spesific major nequirements		
TOTAL credits required	120		Flactives Plant Biolog	gy	1	1	1		
45 credits at 300-level or higher required. Remaining credits:	120		Organismic	Bio. (5 cr), Plant Phys. (3 cr), Taxonomy of			Alternative Course Options:		
Minimum 30 credits at K-State				Plants (4 cr), One of the following: Phage Hunters 1 lar Genetics Lab OR Bio. Internship OR Biol.	26		BIOCH 521> BIOCH 755 (with BIOCH 765 recommended)		
15 of the last 30 credits earned must be completed at K-State				3 cr), plus 11 cr Bio. Electives			CHM 350> CHM 531 (with CHM 550 recommended) CHM 351> CHM 532		
Max of 60 credits transfer from an accredited two-year college			BS Arts, Humanities, and Social Sciences Restricted Electives 6			PHYS 113> PHYS 213			
Max of 30 credits from Credit for Prior Learning (CPL)			•	K-State Core, choose three (3) credits in Fine Arts or Humanities (		e or	PHYS 114> PHYS 214		
max of our discussion discussion from Eculturing (CLE)			combination o	of courses) and three (3) credits in Social Science. At least one (1)	at 300 levi	el or			
			above OR at a course lists.	ny level with a pre-requisite in the same discipline. See College ca	talog pag	e for	K-State GPA		
			course lists.	1			Maior GPA		
					1	-	iviajor GPA		
			1		1	1			

TOTAL CREDITS COMPLETED/IN-PROGRESS: