TRANSFER PATHWAY GUIDE
2022-2023

Associate's in Science to Bachelor's in Science in
Animal Science (Pre-Professional Option)

Overview

Completion of the following curriculum will satisfy the requirements for an Associate in Science at the Kentucky Community and Technical College System and leads to a BS in Animal Sciences (Pre-Professional Option) at the University of Kentucky.

Admission Requirements

Students must meet the University admission requirements to be admitted into any major within the College of Agriculture Food and Environment (CAFE).

KCTCS students planning to transfer to the University of Kentucky should work closely with a UK Transfer Advisor each semester to ensure that both KCTCS and UK degree requirements are met.

Degree Requirements

The College of Agriculture, Food, and Environment requires that students complete an approved academic enrichment experience, 45 credit hours at the 300 level or higher, and 120 cumulative credit hours.

Special notes:
Students intending to apply to veterinary school are encouraged to contact the UK pre-veterinary advisor (www.uky.edu/pre-vet) during their first semester at KCTCS.

General Transfer Requirements

All prospective transfer students are encouraged to receive advising from the University of Kentucky Transfer Center. Appointments are offered online and in-person, and can be scheduled online at https://www.uky.edu/admission/transfer-advising.

Additionally, we recommend reviewing the transfer admission requirements (https://www.uky.edu/admission/transfer-requirements) and the Frequently Asked Questions (https://www.uky.edu/admission/transfer/frequently-asked-questions) on our website: https://www.uky.edu/admission/transfer.

For more information, please contact the UK Transfer Center by email at UKTransfer@uky.edu, by phone at 859-257-2000, or in-person in Room 100 of the Funkhouser Building on UK's campus.

KCTCS ASSOCIATE IN SCIENCE TO UNIVERSITY OF KENTUCKY BACHELOR OF SCIENCE IN Animal Sciences (Pre-Professional Option)

Kentucky Community and Technical College System

Category 1: KCTCS General Education Core Requirements (33 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
ENG 101	Writing I (WC)	3	ENG 101	
ENG 102	Writing II (WC)	3	ENG 102	
TBS XXX	Oral Communication (OC)	3	TBD XXX	
TBS XXX	Heritage (AH)	3	TBD XXX	
TBS XXX	Humanities (AH)	3	TBD XXX	
TBS XXX	Social and Behavioral Science (SB)	3	TBD XXX	
TBS XXX	Social and Behavioral Science (SB)	3	TBD XXX	
CHE170+175	General Chemistry I with Lab (NS)	5	CHE 105/111	
CHE180+185	General Chemistry II with Lab (NS)	5	CHE 107/113	
MAT 150*	College Algebra	3	MA 109	
MAT 170*	Brief Calculus with Applications	3	MA 123	
	Subtotal General Education Core Courses	**37**		

TBS XXX means to be selected by KCTCS student.

One of these courses must be selected from the KCTCS identified Cultural Studies course list, indicate by placing (CS) next to the course name in Category 1 or 2 table.

* The UK Animal Sciences math requirement is fulfilled by completion of MAT 170. Students eligible for MAT 170 upon enrollment within the KCTCS system are not required to complete MAT 150 for UK Animal Sciences.

Category 2: KCTCS AS Requirements (6 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
BIO 150/151	Principles of Biology I & Lab	5	BIO 148/155	
BIO 152	Principles of Biology II	3	BIO 152	
	Subtotal AA/AS Requirement Courses	**8**		

Category 3: KCTCS Electives (21 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
TBS XXX	Digital Literacy	3	TBD XXX	
TBS XXX	First-Year Experience	3	TBD XXX	
CHE 270+275	Organic Chemistry I	5	CHE230	
CLA 131	Medical Terminology from Greek & Latin	3	CLA 131	
TBSXXX	Elective	3	TBD XXX	
	Subtotal Elective Courses	**17**		
	TOTAL Associate Degree Hours	**62**		

University of Kentucky

Major Requirements for Bachelor of Science degree in Animal Science (Pre-Professional Option)

UK Course	Course	Credits
ASC 101	Domestic Animal Biology	3
ASC 102	Introduction to Livestock & Poultry Production	3
ASC 205	Career Development for Animal Sciences	1
ASC 325	Animal Physiology	3
ASC 362	Animal Breeding & Genetics	4
ASC 364	Reproductive Physiology of Farm Animals	4
ASC 378	Animal Nutrition & Feeding	3
ASC 380	Applied Animal Nutrition	3
ASC 470	Capstone for Animal Agriculture	3
Select any 3 of the following production courses:		
ASC 340	Poultry Production	2
ASC 404G	Sheep Science	4
ASC 406	Beef Cattle Science	4
ASC 408G	Swine Production	3
ASC 410G	Equine Science	3
ASC 420G	Dairy Cattle Science	3
Select 1 of the following academic enrichment experience courses:		
ASC 333	Scholar Teaching Learning ASC	3
ASC 395	Special Problems in Animal Sciences	1-3
ASC 399	Experiential Learning in Animal Sciences	1-3
EAP 599	Study Abroad	1
Other Requirements:		
BIO 304	Principles of Genetics	4
CHE 232	Organic Chemistry II	3
CHE 233	Organic Chemistry II Lab	1
PHY 211	General Physics I	5
PHY 213	General Physics II	5
WRD 203 or WRD 204	Business Writing or Technical Writing	3
TBS 3XX	300+ Level Elective (amount varies, need to reach 45 hours of 300+)	7-12
	Subtotal UK Credit Hours	64-74
	Total Baccalaureate Degree Credit Hours	126-136

Updated: Fall 2022

Sample Course Sequence: KCTCS Associate in Science to UK Bachelor of Science in Animal Science (Pre-Professional)

KCTCS Fall Semester 1	
ENG 101	3
Heritage Course	3
Social & Behav. Sci.	3
MAT 150	3
First Year Experience	3
Total	**15**

KCTCS Spring Semester 1	
ENG 102	3
CHE 170/175	5
MAT 170	3
AGR 240	3
Humanities Course	3
Total	**17**

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
BIO 150+151	5
CHE 180/185	5
Oral Com. Course	3
Heritage Course	3
Total	**14**

KCTCS Spring Semester 2	
CHE 270/275	5
BIO 152	3
Elective	3
Elective	3
Total	**14**

KCTCS Summer Semester 2	

UK Fall Semester 3	
ASC 101	3
ASC 325	3
ASC 378	3
CHE 232+233	4
WRD 204	3
Total	**16**

UK Spring Semester 3	
ASC 102	3
ASC 205	3
ASC 364	3
BCH 401G	3
BIO 304	3
300+ Level Elective	3
Total	**18**

UK Summer Semester 3	
ASC395/399	3

UK Fall Semester 4	
ASC 362	3
ASC 420G	3
BIO 315/300+ Elective	4
PHY 211	5
Total	**16**

UK Spring Semester 4	
ASC 340	3
ASC 380	3
ASC 408G	3
ASC 470	3
PHY 213	5
Total	**17**

UK Summer Semester 4	