



TRANSFER PATHWAY GUIDE

Associate in Science to Bachelor of Science in Animal Sciences (Animal Enterprises and Production 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 Science (Animal Enterprises and Production Option)

Admission Requirements

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

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 Martin-Gatton 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.

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 (Animal Enterprises and Production 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	
ECO 201	Principles of Microeconomics (SB)	3	ECO 201	
TBS XXX	Social and Behavioral Science (SB)	3	TBD XXX	
CHE140+145	Introductory General Chemistry and Lab (NS)	4	CHE104+CHE 1--	
CHE 150	Organic & Biological Chemistry (NS)	3	CHE 108	
TBS XXX	College Algebra or Higher (QR)	3	TBD XXX	
TBS XXX	STA 210U, STA 251, or STA 296U (QR)	3	TBD XXX	
	Subtotal General Education Core Courses	34		

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.

Category 2: KCTCS AS Requirements (6 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
BIO 114/150	Principles of Biology I	5	BIO 148	
BIO 116/152	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	
TBS XXX	ECO 202 or ACC 201	3	TBD XXX	
TBS XXX	Elective	3	TBD XXX	
TBS XXX	Elective	3	TBDXXX	
	Remaining hours fulfilled by other courses			
	Subtotal Elective Courses	15		
	TOTAL Associate Degree Hours	60		

University of Kentucky

Major Requirements for Bachelor of Science in Animal Sciences (Animal Enterprises and Production)

UK Course	Course	Credits	KCTCS Course	Taken at KCTCS
ASC 101	Domestic Animal Biology	3		
ASC 102	Introduction to Livestock & Poultry Production	3		
ASC 205	Career Development for Animals Sciences	1		
ASC 325	Animal Physiology	3		
ASC 362	Animal Breeding and Genetics	4		
ASC 364	Reproductive Physiology of Farm Animals	4		
ASC 378	Animal Nutrition and Feeding	3		
ASC 380	Applied Animal Nutrition	3		
ASC 470	Capstone for Animal Agriculture	3		
Select 3 of the following production courses				
ASC 440	Poultry Science	3		
ASC 404	Sheep Science	4		
ASC 406	Beef Cattle Science	4		
ASC 408	Swine Science	3		
ASC 410	Equine Science	3		
ASC 420	Dairy Cattle Science	3		
Select 1 of the following academic enrichment experience courses:				
ASC 330	Peer Mentorship & Instruction in Animal Sciences	3		
ASC 395	Independent Study in Animal Sciences	1-3		
ASC 399	Experiential Learning in Animal Sciences	1-3		
EAP 599	Global Learning Experience	1		
Specialty Support Electives:				
TBS 3XX	Complete an additional 12 hours of approved courses at the 300+ level	12		
Other Requirements:				
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+)	0-4		
TBS XXX	Elective (amount varies, need to reach 120 total hours)	0-9		
Subtotal UK Credit Hours		60-69		
Total Baccalaureate Degree Credit Hours		120-129		

Updated: Fall 2026

Sample Course Sequence: KCTCS Associate in Science to UK Bachelor of Science in Animal Sciences (Animal Enterprises and Production Option)

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

KCTCS Spring Semester 1	
ENG 102	3
CHE 170/175	5
MAT 170	3
Oral Communication	3
Digital Literacy	3
Total	17

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
BIO 150+151	5
CHE 180/185	5
ECO 201	3
Humanities Course	3
Total	16

KCTCS Spring Semester 2	
CHE 270	3
BIO 152	3
Social & Behav. Sci	3
Elective	3
Total	12

KCTCS Summer Semester 2	

UK Fall Semester 3	
ASC 101	3
ASC 325	3
WRD 203 or 204	3
300+ Level SSE	3
300+ Level SSE	3
Total	15

UK Spring Semester 3	
ASC 102	3
ASC 205	1
ASC 364	4
300+ Level SSE	3
300+ Level SSE	3
Total	14

UK Fall Semester 4	
ASC 362	4
ASC 378	3
ASC 470	3
300+ Level SSE	3
300+ Level SSE	3
Total	16

UK Spring Semester 4	
ASC 380	3
ASC Production Course	3-4
ASC Production Course	3-4
ASC Production Course	3-4
ASC academic enrichment experience**	1-3
Elective	3
Total	16-19

** Requirement fulfilled via ASC 330 Peer Mentorship & Instruction in Animal Sciences, ASC 399 Exp. Learning in ASC, ASC395 Ind. Study in Animal Science, or EAP 599 Global Learning Experience.