



TRANSFER PATHWAY GUIDE 2025-2026

Associate in Science to Bachelor of Science in
Agriculture with Specialization in Entomology

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 Agriculture with a Specialization in Entomology at the University of Kentucky.

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 (M-G 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 Martin-Gatton College of Agriculture, Food and Environment requires that students take AFE 100 Issues in Agriculture, Food and Environment unless they have completed their AA/AS degree or have completed a course that transfers as a UK Core Citizenship course. The Martin Gatton College of Agriculture, Food, and Environment requires that students complete an independent research project. The College also requires that a student completes 45 credit hours at the 300 level or above.

For more information, please contact the Center for Student Success by email at Cafeadvising@uky.edu, by phone at 859-257-3468.

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 AGRICULTURE WITH SPECIALIZATION IN ENTOMOLOGY

Kentucky Community and Technical College System

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

KCTCS Course	Course or Category	Credits	UK Course	Completed
ENG101	Writing I (WC)	3	ENG 101	
ENG102	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	5	CHE107/113	
MAT 150	College Algebra (QR)	3	MA 109	
STA 210U	Making Sense of Uncertainty (SR)	3	STA 210	
	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.

Category 2: KCTCS AS Requirements (6 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
BIO150/151	Principles of Biology I with 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	
TBS 2XX+	Elective	3	TBD 2XX	
TBS 2XX+	Elective	3	TBD 2XX	
TBS XXX	Elective	3	TBD XXX	
	Subtotal Elective Courses	15		
	TOTAL Associate Degree Hours	60		

University of Kentucky

Major Requirements for Bachelor of Science in Agriculture with Specialization in Entomology

UK Course	Course	Credits	KCTCS Course	Taken at KCTCS
ABT 201	Scientific Method in Biotechnology	1		
ABT 301	Writing and Presentations in the Life Sciences	2		
ENT 395	Independent Study in Entomology	3		
ENT 300	General Entomology	3		
ENT 564	Insect Taxonomy	4		
ENT 2XX+	#1 @ 200+ level	3		
ENT 3XX+	#2 @ 300+ level*	3		
ENT 3XX+	#3 @ 300+ level*	3		
ENT 3XX+	#4 @ 300+ level*	3		
ENT 3XX+	#5 @ 300+ level*	3		
ENT 3XX+	#6 @ 300-Level*			
Specialty Support	#1 @ 200+ level	3		
Specialty Support	#2 @ 300+ level	3		
Specialty Support	#3 @ 300+ level	3		
Specialty Support	#4 @ 300+ level	3		
Specialty Support	#5 @ 300+ level	3		
Specialty Support	#6 @ 300+ level	3		
Specialty Support	#7 @ 300+ level	3		
Elective @ 300 level		3		
Elective		3		
Elective		3		
Elective		2		
Subtotal UK Credit Hours		60		
Total Baccalaureate Degree Credit Hours		120		

*Students may choose from a list that includes ENT 320, ENT 340, ENT 360, ENT 395, ENT 460, ENT 502, ENT 530, ENT 561, ENT 563, ENT 568, ENT 574 and no more than one of the following: ABT 461G, BIO 461G, ENT 461G, or FOR 461G.

Updated: Fall 2025

Sample Course Sequence: KCTCS Associate in Science to UK Bachelor of Science with Specialization in Entomology

KCTCS Fall Semester 1	
ENG 101	3
CHE 170+175	5
First Year Experience	3
MAT 150	3
Total	14

KCTCS Spring Semester 1	
ENG 102	3
CHE 180+185	5
STA 210 U	3
BIO150+151	5
Total	16

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
BIO 152	3
Heritage Course	3
Social & Behav. Sci.	3
Digital Literacy	3
Elective	3
Total	15

KCTCS Spring Semester 2	
Oral Comm. Course	3
Humanities	3
Social & Behav. Sci.	3
Elective	3
Elective	3
Total	15

KCTCS Summer Semester 2	

UK Fall Semester 3	
ENT 300	3
ENT-1 @200+level	3
ENT-2 @300+level	3
ABT 201	1
SS-1 @300+ Level	3
Elective	3
Total	16

UK Spring Semester 3	
ENT-3 @300+level	3
SS-2 @ 300+ Level	3
ABT 301	2
SS-3 @ 300+ Level	3
Elective @300+ Level	3
Total	14

UK Summer Semester 3	

UK Fall Semester 4	
ENT 395	3
ENT 564	4
SS-4 @ 300+ Level	3
SS-5 @ 300+ Level	3
ENT-4 @300+level	3
Total	16

UK Spring Semester 4	
ENT-5 @300+level	3
SS-6 @ 300+ Level	3
SS-7 @ 300+ Level	3
Elective	3
Elective	2
Total	14

UK Summer Semester 4	