



TRANSFER PATHWAY GUIDE 2022-2023

Associate in Science to Bachelor of Science in Food
Science

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 Bachelor of Science in Food Science 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 experiential learning course FSC 395/399 or EXP 396.

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 FOOD SCIENCE

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	3	ECO 201	
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	CHE107/113	
MAT 150	College Algebra (QR)	3	MA 109	
MAT 170	Brief Calculus with Applications (QR)	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.

Category 2: KCTCS AS Requirements (6 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
BIO 150	Principles of Biology I	3	BIO 148	
BIO 152	Principles of Biology II	3	BIO 152	
	Subtotal AA/AS Requirement Courses	6		

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	Organic Chemistry I	3	CHE 230	
BIO 226+209	Principles of Microbiology & Lab	4		
STA 296U	Statistical Methods and Motivations	3	STA 296	
TBSXXX	Elective	3		
	Subtotal Elective Courses	19		
	TOTAL Associate Degree Hours	66		

University of Kentucky

Major Requirements for Bachelor of Science in Food Science

UK Course	Course	Credits	KCTCS Course	Taken at KCTCS
DHN212	Introductory Nutrition	3		
FSC107	Introduction to Food Science	3		
FSC306	Introduction to Food Processing	3		
Specialty Support		3-4		
BCH401G/DHN 311	Fundamentals of Biochemistry or Nutritional Biochemistry	3		
PHY211	General Physics	5		
FSC434G	Food Chemistry	4		
UK Core (???) / WRD 203/204	If student has earned AA/AS; take WRD 203/204	3		
Specialty Support		3-4		
FSC395/399/EXP 396	Special Problems in Food Science or Experiential Learning in Animal Sciences/Food Science or Experiential Education	3-6		
Specialty Support	Specialty Support 300-Level	4		
FSC530	Food Microbiology	5		
FSC Major Course		3-4		
FSC535	Food Analysis	4		
FSC536	Advanced Food Technology	4		
FSC Major Course		3-4		
FSC Major Course		3		
Elective		3		
Elective		3		
Subtotal UK Credit Hours		65-72		
Total Baccalaureate Degree Credit Hours		127-134		

Updated: Fall 2022

Sample Course Sequence: KCTCS Associate in Science to UK Bachelor of Science in Food Science

KCTCS Fall Semester 1	
ENG 101	3
Heritage Course	3
ECO 201	3
MAT 150	3
First Year Experience	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	3
CHE 180/185	5
STA 296U	3
Heritage Course	3
Elective	3
Total	17

KCTCS Spring Semester 2	
CHE 270/275	4
BIO 152	3
Humanities	3
Social & Behavioral	3
BIO 226+209	4
Total	17

KCTCS Summer Semester 2	

UK Fall Semester 3	
DHN 212	3
FSC107	3
FSC 306	3
Specialty Support	3-4
BCH 401G/DHN 311	3
Total	

UK Spring Semester 3	
PHY 211	5
FSC 434G	4
WRD 203/204	3
Specialty Support	3-4
Total	

UK Summer Semester 3	
FSC 395/399	3
WRD 203/204	3

UK Fall Semester 4	
Specialty Supp. 300	3-4
FSC 530	5
FSC Major Course	3-4
FSC 535	4
Total	

UK Spring Semester 4	
FSC 536	4
FSC Major Course	3-4
FSC Major Course	3
Elective	3
Elective	
Total	

UK Summer Semester 4	