



TRANSFER PATHWAY GUIDE

Associate in Science to Bachelor of Science in Food
Biosciences (Food Business Management Track)

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 Biosciences (Food Business Management Track) 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 (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 experiences, 45 credit hours and the 300-level or higher, and 120 cumulative credit hours. Students in the Food Biosciences choose from three tracks: Distillation, Fermentation and Beverage Science, Food Business Management, or Research and Development.

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 BIOSCIENCES (FOOD BUSINESS MANAGEMENT TRACK)

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	
BIO 150	Principles of Biology I (NS)	3	BIO 148	
MAT 150	College Algebra (QR)	3	MA 109	
MAT 170	Brief Calculus with Applications (QR)	3	MA 123	
	Subtotal General Education Core Courses	35		

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 152	Principles of Biology II	3	BIO 152	
STA296U/STA251	Statistical Methods and Motivations	3	STA 296	
	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	
AGR 260	Introduction to Sustainable Agriculture	3	SAG 210	
ECO 202	Principles of Macroeconomics	3	ECO 202*	
ACC 201	Financial Accounting	3	ACC 201*	
ACC 202	Managerial Accounting	3	ACC 200*	
BAS 282	Principles of Marketing	3	MKT 300*	
	Subtotal Elective Courses	21		
	TOTAL Associate Degree Hours	62		

*Can count toward professional support.

University of Kentucky

Major Requirements for Bachelor of Science in Food Biosciences (Food Business Management Track)

UK Course	Course	Credits	KCTCS Course	Taken at KCTCS
DHN212	Introductory Nutrition	3		
FSC107	Introduction to Food Bioscience	3		
FSC306	Introduction to Food Processing	3		
FSC434G	Food Biochemistry	4		
UK Core (???) / WRD 203/204	If student has earned AA/AS; take WRD 203/204	3		
FSC395/399/EXP 396	Special Problems in Food Biosciences or Experiential Learning in Food Biosciences or Experiential Education	3		
FSC530	Food Microbiology and Safety	5		
FSC 430	Sensory Evaluation of Foods	3		
FSC536	Capstone in Food Biosciences and Tech.	4		
FSC 540	Food Sanitation and Regulations	3		
TBS XXX	Professional Support Courses	9		
Electives		15		
Subtotal UK Credit Hours		58		
Total Baccalaureate Degree Credit Hours		120		

The Food Business Management track requires 21 credit hours, in addition to the required major courses, and concentrates on the management, entrepreneurship, marketing, and finance of food and beverage businesses. Students must utilize professional support classes and electives to fulfill the College requirement of 45 hrs. at the 300-level or higher.

Updated: Fall 2026

Sample Course Sequence: KCTCS Associate in Science to UK Bachelor of Science in Food Bioscience (Food Business Management Track)

KCTCS Fall Semester 1	
ENG 101	3
Heritage Course	3
ECO 201	3
MAT 150 or higher	3
First Year Experience	3
Total	15

KCTCS Spring Semester 1	
ENG 102	3
CHE 170/175	5
STA 210U/251/296U	3
Oral Communication	3
Digital Literacy	3
Total	17

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
BIO 150	3
ECO 202	3
Heritage Course	3
ACC 201	3
Total	12

KCTCS Spring Semester 2	
ACC 202	3
BIO 152	3
Humanities	3
Social & Behavioral	3
BAS 282	4
Total	17

KCTCS Summer Semester 2	

UK Fall Semester 3	
DHN 212	3
FSC107	3
FSC 306	3
Prof. Support	3
Prof. Support	3
Total	15

UK Spring Semester 3	
FSC 434G	4
WRD 203/204	3
Prof. Support	3
Elective	3
Total	13

UK Summer Semester 3	
Total	

UK Fall Semester 4	
FSC 530	5
FSC 430	3
Elective	3
Elective	3
Total	14

UK Spring Semester 4	
FSC 536	4
FSC 395/399	3
FSC 540	3
Elective	3
Elective	3
Total	16

UK Summer Semester 4	