



University of
Kentucky®

TRANSFER PATHWAY GUIDE

Associate in Science to Bachelor of Science in
Horticultural Science (Horticulture Management 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 Horticultural Science (Horticulture Management Option) 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 majoring in Horticultural Science fulfill an experiential learning experience by completing either a special problem (HRT 395) or internship (HRT 399).

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 HORTICULTURAL SCIENCE (Horticulture Management 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
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	
ECO 201	Principles of Microeconomics (SB)	3	ECO 201*	
TBS XXX	Social and Behavioral Science (SB)	3	TBD XXX	
TBS XXX	EST 160+161/GLY 101+111/GLY 220 (NS)	4	EES 220	
CHE 140	Introductory General Chemistry (NS)	3	CHE 104	
MAT 150	College Algebra (QR)	3	MA 109	
STA 210U	Making Sense of Uncertainty (QR)	3	STA 210	
	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.

*ECO 201 and ECO 202 can count toward specialty support courses.

Category 2: KCTCS AS Requirements (6 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
BIO 112	Introduction to Biology	3	BIO 103	
CHE 150	Intro to Organic and Biological Chem.	3	CHE 108	
	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*	
TBS XXX	Elective	3	TBD XXX	
TBS XXX	ACC 201 or BAS 282*	3	TBD XXX	
TBS XXX	ACC 202 or BAS 283*	3	TBD XXX	
	Subtotal Elective Courses	22		
	TOTAL Associate Degree Hours	62		

University of Kentucky

Major Requirements for Bachelor of Science degree in Horticultural Science (Horticulture Management Option)

UK Course	Course	Credits	KCTCS Course	Taken at KCTCS
HRT 100	An Introduction to Horticulture Professions	1		
HRT 200	Principles of Horticultural Science	3		
HRT 220	Introduction to Plant Identification	3		
HRT 310	Horticultural Crop Physiology	3		
HRT 320	Woody Horticultural plants OR	3		
HRT 330	Herbaceous Horticultural Plants			
HRT 350	Horticultural Plant Propagation	3		
HRT 425	Greenhouse & CEA Management	3		
PLS 366	Fundamentals of Soil Science	4		
HRT 395 or 399	Special Problems or Internship	1-3		
TBS XXX	Horticultural Production Systems Courses	8		
	Pest/Environmental Management Courses	6-7		
	Additional HRT or PLS classes with consent of advisor	15		
	Specialty Support Courses	9*		
Subtotal UK Credit Hours		62-65		
Total Baccalaureate Degree Credit Hours		124-127		

*If ECO 201/202 completed through KCTCS. Students must utilize specialty support and additional HRT/PLS courses 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 Degree in Horticultural Science (Horticulture Management Option)

KCTCS Fall Semester 1	
ENG 101	3
CHE 140	3
GLY 101+111/220	3
MAT 150	3
First Year Experience	3
Total	15

KCTCS Spring Semester 1	
ENG 102	3
CHE 150	3
STA 210U	3
ECO 201	3
Oral Comm. Course	3
Total	15

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
BIO 112	3
ECO 202	3
AGR 260	3
Heritage Course	3
ACC 201 or BAS 282	3
Total	15

KCTCS Spring Semester 2	
Soc. & Behav Sci.	3
Digital Literacy	3
Humanities	3
Elective	3
ACC 202 or BAS 283	3
Total	15

KCTCS Summer Semester 2	

UK Fall Semester 3	
HRT 100	1
HRT 220	3
PLS 366	4
Pest/Env Mgt Courses	6-7
Total	14-15

UK Spring Semester 3	
HRT 200	3
PLS or HRT courses	6
SS Courses	6
Total	15

UK Summer Semester 3	
HRT 395/399	1-3
Total	1-3

UK Fall Semester 4	
HRT 320 or 330	3
HRT 310	3
PLS or HRT Courses	9
Total	15

UK Spring Semester 4	
HRT 350	3
Specialty Support	3
HRT 425	3
HRT Prod Sys Courses	8
Total	17

UK Summer Semester 4	