



TRANSFER PATHWAY GUIDE

Associate in Science to Bachelor of Science in
Horticultural Science (Horticulture Science 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 Bachelor of Science in Horticultural Science (Horticulture Science 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 Science 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	
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(NS)	5	CHE 107/113	
MAT 150	College Algebra (QR)	3	MA 109	
MAT170	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
BIO150/114	Principles of Biology I	3	BIO 148*	
BIO 116/152	Principles of Biology II	3	BIO152*	
	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	
GLY 220	Principles of Physical Geology	4	EES 220	
STA 296U/251	Statistical Methods and Motivations	3	STA 296	
BIO 226+209	Principles of Microbiology	4	BIO 208+209	
CHE 270	Organic Chemistry I	3	CHE 230	
	Subtotal Elective Courses	20		
	TOTAL Associate Degree Hours	63		

University of Kentucky

Major Requirements for Bachelor of Science in Horticultural Science-Horticulture Science 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		
TBS XXX	Pest/Environmental Management Courses	6-7		
	Additional HRT or PLS classes with consent of advisor	15		
	Specialty Support	6*		
ABT 301	Writing and Presentations in the Life Sciences	2		
Subtotal UK Credit Hours		61-64		
Total Baccalaureate Degree Credit Hours		127-130		

***If BIO 226+209 completed through KCTCS. Student must utilize specialty support and additional HRT/PLS courses to fulfill the College requirement of 45 hrs. at the 300-level or above.**

Sample Course Sequence: KCTCS Associate in Science to UK Bachelor of Science in Horticultural Science (Horticulture Science Option)

KCTCS Fall Semester 1	
ENG 101	3
First Year Experience	3
MAT 150	3
GLY 220	3
Oral Comm. Course	3
Total	15

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

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
BIO 114/150	3
CHE 180/185	5
STA 296U/ STA 251	3
Heritage Course	3
Soc. Behav Scie	3
Total	17

KCTCS Spring Semester 2	
CHE 270	3
BIO 116/152	3
Soc. Behav. Sci	3
BIO 226+209	3
Elective	3
Total	16

KCTCS Summer Semester 2	

UK Fall Semester 3	
HRT 100	1
HRT 220	3
ABT 301	2
PLS 366	4
Pest/Env Mgt Courses	6-7
Total	16-17

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
HRT 425	3
HRT Prod Sys Courses	8
Total	14

UK Summer Semester 4	