



## TRANSFER PATHWAY GUIDE 2022-2023

Associate in Science to Bachelor of Science in Natural  
Resources and Environmental 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 (BS) in Natural Resources and Environmental Science (NRES) 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

Students in the NRES program must complete various courses in the natural sciences and social sciences. Students will additionally choose three courses within an Analytical Skill Development (ASD) area and three courses within an Environmental System Emphasis Area (ESEA) for a total of 18 credits.

Special program needs in NRES:

- Attend summer camp, an experiential learning course (NRE 320)
- Complete a research project (NRE 395) or internship (NRE 399) and communicate that work to an audience (NRE 400)
- Complete a team-based senior capstone project (NRE 471)

For more information, please contact the Center for Student Success by email at [Cafeadvising@uky.edu](mailto: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](mailto: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 NATURAL RESOURCES AND ENVIRONMENTAL 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
ENG101	Writing I (WC)	3	ENG 101	
ENG102	Writing II (WC)	3	ENG 102	
COM 252	Intro to Interpersonal Communication (OC)	3	COM 252	
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	
CHE170+175	General Chemistry I with Lab (NS)	5	CHE 105/111	
BIO150/114	Principles of Biology (NS)	3	BIO 148	
MAT 150	College Algebra	3	MA 109	
MAT 170	Brief Calculus	3	MA 123	
	<b>Subtotal General Education Core Courses</b>	<b>35</b>		

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
STA 296U/251	Statistical Methods and Motivations	3	STA 296	
GLY 220	Principles of Physical Geology	3	EES 220	
	<b>Subtotal AA/AS Requirement Courses</b>	<b>6</b>		

### 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	
BIO 152	Principles of Biology II	3	BIO152	
EST 270***	Environmental Law and Regulations	3	AEC 326	
TBS XXX	Elective	3	TBD XXX	
TBS XXX	Elective	3	TBD XXX	
TBS XXX	Elective	3	TBD XXX	
	<b>Subtotal Elective Courses</b>	<b>21</b>		
	<b>TOTAL Associate Degree Hours</b>	<b>62</b>		

## University of Kentucky

### Major Requirements for Bachelor of Science degree in Natural Resources and Environmental Science

UK Course	Course	Credits	KCTCS Course	Taken at KCTCS
NRE 201	Intro. to Natural Resources & Env. Science	3		
PHI 336/SOC 360	Environmental Ethics/Sociology	3		
NRE 381	Natural Resources & Environmental Policy Analysis	3		
NRE 355	Geographic Information Systems	3		
PLS 366	Fundamentals of Soil Science	4		
NRE 320	Natural Resources & Environmental Analysis	3		
NRE 399/395	Internship or Research Experience	1		
FOR 340	Forest Ecology	4		
FOR 325	Economic Botany	3		
FOR 460/EES 385	Forest Hydrology/Hydrology	3		
AEC 445G	Intro to Resource & Environmental Economics	3		
FOR 435	Conservation Biology	3		
NRE 400	NRES Composition & Communication	2		
NRE 471	Senior Problem in NRES	4		
ASD	Analytical Skill Development Area	3		
ASD	Analytical Skill Development Area	3		
ASD	Analytical Skill Development Area	3		
ESEA	Environmental Systems Emphasis Area	3		
ESEA	Environmental Systems Emphasis Area	3		
ESEA	Environmental Systems Emphasis Area	3		
<b>Subtotal UK Credit Hours</b>		60		
<b>Total Baccalaureate Degree Credit Hours</b>		120		

Updated: Fall 2022

Sample Course Sequence: KCTCS Associate in Science to UK Bachelor of Science in Natural Resources and Environmental Science

KCTCS Fall Semester 1	
ENG 101	3
First Year Experience	3
MAT 150	3
GLY 220	3
Heritage Course	3
<b>Total</b>	<b>15</b>

KCTCS Spring Semester 1	
ENG 102	3
CHE 170/175	5
MAT 170	3
COM 252	3
Digital Literacy	3
<b>Total</b>	<b>17</b>

KCTCS Summer Semester 1	

KCTCS Fall Semester 2	
BIO 150	3
STA 296U	3
ECO 201	3
Humanities	3
Elective	3
<b>Total</b>	<b>15</b>

KCTCS Spring Semester 2	
Soc. Behav. Sci.	3
BIO 152	3
EST 270	3
Elective	3
Elective	3
<b>Total</b>	<b>15</b>

KCTCS Summer Semester 2	
Elective	3
<b>Total</b>	<b>3</b>

UK Fall Semester 3	
FO R340	3
PH I336/SOC 360	3
NRE 355	3
PLS 366	4
<b>Total</b>	<b>14</b>

UK Spring Semester 3	
NRE 381	3
NRE 201	3
FOR 325	3
ESEA/ASD Course	3
ESEA/ASD Course	
<b>Total</b>	<b>12</b>

UK Summer Semester 3	
NRE 320	3
NRE 395/399	1-3
	4-6

UK Fall Semester 4	
AEC 445G	3
FOR 460/EES 385	3
NRE 400	2
ESEA/ASD Course	3
ESEA/ASD Course	3
<b>Total</b>	<b>14</b>

UK Spring Semester 4	
NRE 471	4
FOR 435	3
ESEA/ASD Course	3
ESEA/ASD Course	3
<b>Total</b>	<b>13</b>

UK Summer Semester 4	