

TRANSFER PATHWAY GUIDE

FOR

KCTCS Associate in Science to BS in Earth and Environmental Sciences/Environmental Science Track at Murray State University

Overview

Completion of the following curriculum will satisfy the requirements for Associate in Science at the Kentucky Community and Technical College System and leads to the Bachelor's Degree in Earth and Environmental Sciences/Environmental Science Track at Murray State University.

Admission Requirements

Murray State University admission requirements for domestic first-time transfer students can be found online. Current link is available [here](#).

Degree Requirements

At least 42 semester hours of the 120 hours required for a baccalaureate degree must be earned in courses at the 300-level or above (upper-level courses).

The baccalaureate degree candidate must have a GPA of at least 2.00: (1) in all credits presented for graduation whether earned at Murray State or elsewhere (cumulative GPA); (2) in all credits completed at Murray State; and (3) in the courses for each major, minor or area.

General Transfer Requirements

Students can apply for Murray State online here: <https://www.murraystate.edu/admissions/apply.aspx>
Transfer requirements, scholarship information, and other relevant transfer information can also be found at www.murraystate.edu/admissions/transfer. Once the student has been accepted at Murray State and they receive their student ID (M#), they can apply for scholarships within our student portal, MyGate.

A list of Murray State's General Education courses can be found here:

<https://www.murraystate.edu/academics/UniversityStudies/current/UniversityStudiesCourses.aspx>

The general University Scholarship application is due on or before February 5th before the Fall semester entry. All students must complete the FAFSA to be eligible for scholarships.

KCTCS AS TO Murray State University BS in EES/Environmental Science CHECKLIST

Kentucky Community and Technical College System

Category 1: KCTCS General Education Core Requirements (33 hours)

KCTCS Course	Course or Category	Credits	MSU Course	Completed
ENG 101	Writing I	3	ENG 105 [4]	
ENG 102	Writing II	3		
COM 181	Basic Public Speaking	3	COM 161	
MAT 150	College Algebra	3	MAT 140	
MAT 155	Trigonometry	3	MAT 145	
TBS XXX	<i>Arts and Humanities: Heritage*</i>	3	TBD XXX**	
TBS XXX	<i>Arts and Humanities: Humanities*</i>	3	TBD XXX**	
CHE 140	Introductory General Chemistry	3	CHE 105 [4]	
CHE 145	Introductory General Chemistry Lab	1		
GEO 251	Weather and Climate	3	EES 125	
ANT 220	Cultural Anthropology*	3	ANT 140	
GEO 152	Regional Geography of World*	3	EES 110	
	Subtotal General Education Core Courses	34		

TBS XXX means to be selected by KCTCS student.

*For Social and Behavioral Sciences courses, two disciplines must be represented and different from those in the Arts and Humanities category.

**When students complete the AS degree, they transfer as “general education certified”. If students transfer before they have completed the AS degree in entirety, they may have to complete an additional MSU Arts & Humanities course.

Category 2: KCTCS AS Requirements (6 hours)

KCTCS Course	Course or Category	Credits	MSU Course	Completed
BIO 120	Human Ecology	3	EES/BIO 103	
STA 220	Statistics	3	STA 135	
	Subtotal AS Requirement Courses	6		

For KCTCS, A course carrying the Cultural Competence status must also be completed as part of the AA and AS requirements. Approved Cultural Competence courses are listed in the catalog under Academic Services - [Cultural Competence Requirement](#).

Category 3: KCTCS Electives (21 hours)

KCTCS Course	Course or Category	Credits	MSU Course	Completed
CIT 105	Intro to Computers	3	CSC 199	
FYE 100 OR FYE 105 OR FYE 110	Strategies for College Success	0-3	EES 100T*	
GLY 101 & 111	Physical Geology & Lab	4	EES 101	
ECO 201	Principles of Microeconomics	3	ECO 231	
GEO 280	Environmental Science	4	TBD XXX	

KCTCS Course	Course or Category	Credits	MSU Course	Completed
TBS XXX	<i>Electives</i>	5	TBD XXX	
	Subtotal Elective Courses	20		
	TOTAL Associate Degree Hours	60		

*Students who transfer 30 hours or more to Murray State do not have the 100T requirement for this program.

Murray State University

Major Requirements for BS in Earth and Environmental Sciences/Environmental Science Track

MSU Course	Course	Credits	KCTCS Course	Taken at KCTCS
ARC 150	Introduction to Archaeology	3		
ARC 320	Human Ecology	3		
EES 202	Introduction to GIS	4	CIT 125 (3) OR GIS 120 (3)	
EES 210	Hydrology	3		
EES 301	Understanding Scientific Communication	3		
EES 312	Introduction to Remote Sensing	4		
EES 314	Sediments and Soils	4		
EES 336	Principles of Geomorphology	4		
EES 350	Field Techniques in Geosciences	3		
EES 507	Land Use Planning	3		
	<i>Upper-level courses from the list of Required Limited Electives</i>	18		
	<i>Unlimited electives</i>	8-9		
	Subtotal MSU Credit Hours	60		
	Total Baccalaureate Degree Credit Hours	120		

Updated: 01/18/2024