



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2024-2025

Associate in Science to Bachelor of Science in Environmental Science

Overview

Completion of the following curriculum will satisfy the requirements for the Associate in Science (AS) degree at the Gateway Community and Technical College (GCTC) and leads to the Bachelor of Science (BS) in Environmental Science degree at Northern Kentucky University (NKU).

Applying to the Gateway2NKU Program

Students can apply to participate in the pathway program by completing the online application on the NKU transfer webpage. Students must be enrolled in at least six credit hours at Gateway CTC, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at Gateway CTC.

Degree Requirements for GCTC

1) Completion of minimum 60 credit hours, 2) minimum cumulative GPA 2.0, 3) minimum of 15 credit hours earned at the institution awarding the degree, 4) cultural competence course, 5) demonstration of digital literacy, and 6) college success requirement.

Admission Requirements to NKU

Students completing an associate degree with a cumulative GPA of 2.0 or higher will be accepted into NKU.

Degree Requirements for NKU

To earn a bachelor's degree at NKU, students must complete a minimum of 120 credit hours with at least 45 credit hours numbered 300 and above. In addition, at least 25% of the credit hours required for the degree and the last 30 credit hours must be completed at NKU. Students must have an overall GPA of 2.0 and meet all prerequisites for courses and requirements for the major including a grade of C- or better in all courses required for the major. A minor is not required for this major.

General Transfer Information

Students must complete the online application to NKU. There is no application fee for students who are transferring from GCTC.

KCTCS Scholars Award: Students who are KY residents transferring directly from a KCTCS institution with at least 36 hours from that institution and minimum GPA of 3.0, were never enrolled as a degree-

seeking student at NKU, and will be enrolled in at least 12 credit hours both fall and spring semester are eligible for a limited number of \$2,500 annual scholarships (\$1,250 per fall and spring). Students must gain admission to NKU by June 15 for fall and November 1 for spring to be eligible for a possible scholarship. Online accelerated programs are not eligible for the KCTCS Scholars Award.

GCTC AS TO NKU BS IN ENVIRONMENTAL SCIENCE CHECKLIST

Gateway Community and Technical College

Category 1: GCTC General Education Requirements

GCTC Course	Course or Category	Credits	NKU Course	Completed
ENG 101	Writing I (WC)	3	ENG 101	
Taken at NKU	Advanced Writing in Biology (WC)	3	BIO 291W	
TBS XXX	Oral Communication (OC)	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) – Heritage	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) – Humanities	3	TBD XXX	
TBS XXX	Social & Behavioral Sciences (SB)	3	TBD XXX	
TBS XXX	Social & Behavioral Sciences (SB)	3	TBD XXX	
BIO 114/115	Biology I / Biology Laboratory I (NS)	4	BIO150/150L	
BIO 116/117	Biology II / Biology Laboratory II (SL)	4	BIO 151/151L	
MAT 171	Precalculus (QR)	5	MAT 103 + MAT 119	
STA 220	Statistics (QR)	3	STA 205	
	Subtotal General Education Courses	37		

TBS XXX means to be selected by GCTC student.

TBD XXX means to be determined by NKU based on course selected.

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

Category 2: GCTC AS Requirements

GCTC Course	Course or Category	Credits	NKU Course	Completed
CHE 170/175	General College Chemistry I with Lab	5	CHE 120/120L	
	Subtotal AS Requirement Courses	5		

Category 3: GCTC Electives

GCTC Course	Course or Category	Credits	NKU Course	Completed
CIT 105 or OST 105	Introduction to Computers or Introduction to Information Systems	3	BIS 101	
FYE 105	Achieving Academic Success	3	UNV 100T	
BIO 122	Introduction to Conservation Biology	3	ENV 110	
CHE 180/185	General College Chemistry II with Lab	5	CHE 121/121L	
GLY 101/111	Physical Geology with Lab	4	GLY 110	
	Subtotal Elective Courses	18		
	Total Associate Degree Hours	60		

If completing digital literacy using other means, additional credits will be required in order to fulfill elective requirements.

Degree Requirement: One course must be selected from the KCTCS identified Cultural Competence course list in the KCTCS catalog.

Northern Kentucky University

Category 4: NKU Major Requirements for the BS in Environmental Science

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
BIO 150/150L	Introduction to Biology I with Lab	4	BIO 114/115	X
BIO 151/151L	Introduction to Biology II with Lab	4	BIO 116/117	X
BIO 291W	Advanced Writing in Biology	3	Taken at NKU	X
BIO 304/304L	General Ecology with Lab	4	EST 150	
CHE 120/120L	General Chemistry I with Lab	4	CHE 170/175	X
CHE 121/121L	General Chemistry II with Lab	4	CHE 180/185	X
CHE 310/310L	Organic Chemistry I with Lab	4	CHE 270/275	
ENV 110	Introduction to Environmental Science and Issues	3	BIO 122	X
ENV 115	Orientation to Env. Science Careers	1		
ENV 332	Visualizing Environmental Data in R	3		
ENV 493	Seminar: Environmental Science	1		
GEO 306	Environmental Resource Management	3		
GEO 418	Geographic Information Systems	4		
GLY 110	Earth Science with Laboratory	4	GLY 101/111	X
GLY 340	Intro to Environmental Geoscience	3		
GLY 450	Hydrogeology	4		
MAT 119	Pre-Calculus Mathematics	3	MAT 171	X
PHY 211	General Physics with Laboratory I	4	PHY 201/202	
PHY 213	General Physics with Laboratory II	4	PHY 203/204	
STA 205	Statistical Methods	3	STA 220	X
Select 1: BIO 406/406L ENV 130/130L ENV 294 ENV 308 ENV 324 ENV 350 ENV 394 ENV 408/408L TBS XXX	Select one course from the following: Ecosystem Ecology with Lab Protecting Water Resources with Lab Topics in Environmental Science Science Communication Disease Ecology and Human Health Environmental Toxicology Topics: Environmental Science Ecology of the City with Lab Other Course Approved by Prog. Director	3-5		
TBS XXX	One 3-credit-hour internship or directed research	3		
	Subtotal Major Credit Hours at NKU	41-43		
	Subtotal Major Credit Hours at GCTC	32		
	Total Baccalaureate Degree Credit Hours	73-75		

Category 5: Additional Requirements at NKU

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
	Subtotal Minor Credit Hours Taken at NKU	8-14		
	Subtotal Elective (300/400 level) Hours	3-11		
	Total Baccalaureate Degree Credit Hours	120		

A minor in biology, chemistry, geology, geography, geographic information systems, mathematics, or statistics (The requirements for the minor beyond the 8-14 credit hours are completed as part of the environmental science major.)

Additional credit hours at the 300/400 level may be needed to meet graduation requirements.

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