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## TWO DEGREES, ONE PATH

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### TRANSFER PATHWAY GUIDE 2025-2026

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. Demonstration of digital literacy
5. 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:

1. Complete a minimum of 120 credit hours
2. Complete at least 25% of the credit hours at NKU
3. Complete the last 30 credit hours at NKU
4. Complete at least 45 credit hours numbered 300 or above
5. Minimum 2.0 GPA cumulative GPA across all major coursework
6. Meet all requirements for the major
7. Completion of a focus, minor, or second major (if required by the 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 annual scholarships (fall and spring only). 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.

Tuition and scholarship information specific to transfer students can be viewed on the NKU Adult & Transfer Center website.

## 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	
<b>Subtotal General Education Courses</b>		<b>37</b>		

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	
<b>Subtotal AS Requirement Courses</b>		<b>5</b>		

\*Labs must be taken in person.

#### 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	INF 101	
FYE 105 FYE 110*	Achieving Academic Success or First Year Experience and Applications	3	UNV 100T	
CHE 180/185*	General College Chemistry II with Lab	5	CHE 121/121L	
Taken at NKU	Orientation to Environmental Science Careers	1	ENV 115	
BIO 122 or Taken at NKU	Introduction to Conservation Biology or Introduction to Environmental Science and Issues	4	ENV 110	
Taken at NKU	Select a course toward the major or minor at NKU	3	TBD XXX	

GCTC Course	Course or Category	Credits	NKU Course	Completed
	<b>Subtotal Elective Courses</b>	<b>18</b>		
	<b>Total Associate Degree Hours</b>	<b>60</b>		

\*If completing digital literacy using other means (like FYE 110), additional credits will be required in order to fulfill elective requirements.

\*Labs must be taken in person

### 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		
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 or Taken at NKU	X
ENV 115	Orientation to Env. Science Careers	1	Taken at NKU	X
ENV 306	Sustainable Resource Management	3		
ENV 332	Visualizing Environmental Data in R	3		
ENV 493	Seminar: Environmental Science	1		
GEO 418	Geographic Information Systems	4		
GLY 110	Earth Science with Laboratory	4	GLY 101/111 or GLY 140	
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 2: GLY 330 GLY 340 GLY 360 GLY 415 GLY 450 GLY 461	Select two courses from the following: Geomorphology with Laboratory Introduction to Environmental Geoscience Environmental Geophysics Earth Science Application of GIS Hydrogeology Ecology and Geology of Coral Reefs	3-4		
Select 1: BIO 406/406L ENV 130/130L ENV 294 ENV 308 ENV 324 ENV 325 ENV 350	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 Law and Policy Environmental Toxicology	6-8		

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
ENV 394 ENV 408/408L TBS XXX	Topics: Environmental Science Ecology of the City with Lab Other Course Approved by Prog. Director			
TBS XXX	One 3-credit-hour internship or directed research	3		
	<b>Subtotal Major Credit Hours at NKU</b>	<b>43-46</b>		
	<b>Subtotal Credit Hours at GCTC</b>	<b>60</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>77-86</b>		

#### Category 5: Additional Requirements at NKU

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
	<b>Subtotal Minor Credit Hours Taken at NKU</b>	<b>8-14</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

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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