TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE
2023-2024

Associate of Applied Science in Environmental Engineering Technology
To Bachelor of Science in Environmental Science

Overview

Completion of the following curriculum will satisfy the requirements for the Associate of Applied Science (AAS) in Environmental Engineering Technology degree at Cincinnati State (CState) and leads to the Bachelor of Science (BS) in Environmental Science degree at Northern Kentucky University (NKU).

Applying to the CState2NKU 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 Cincinnati State, enrolled in the Environmental Engineering Technology (EVT) AAS degree or one of the EVT majors, Water & Wastewater (EVTW) or Stormwater Management (EVTS), plan to transfer to KNU, and maintain a minimum 2.0 cumulative GPA at Cincinnati State.

Degree Requirements for Cincinnati State

1) Completion of the Environmental Engineering Technology (EVT) AAS curriculum requirements or those of one of the EVT majors, Water & Wastewater (EVTW) or Stormwater Management (EVTS), 2) minimum cumulative GPA 2.0, 3) completion of an FYE course as part of the first 12 credit hours taken at Cincinnati State, and 4) completion of Cooperative Education.

Admission Requirements for NKU

Students completing the Environmental Engineering Technology (EVT) AAS degree or one of the EVT majors, Water & Wastewater (EVTW) or Stormwater Management (EVTS) 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 required for this major.

Advising Note

Please schedule an appointment with the Environmental Engineering Technology (EVT) Program Chair or EVT Advisor as soon as possible for assistance with selecting and scheduling courses under this agreement. This document serves as a guide but does not replace academic advising.

CINCINNATI STATE AAS IN ENVIRONMENTAL ENGINEERING TECHNOLOGY TO NKU BS IN ENVIRONMENTAL SCIENCE CHECKLIST

Cincinnati State

Category 1: Ohio Transfer 36 Requirements

CState Course	Course or Category	Credits	NKU Course	Completed
ENG 101	English Composition 1	3	ENG 101	
ENG 102 or ENG 103 or ENG 104 or ENG 105	English Composition 2: Contemporary Issues English Composition 2: Writing about Literature English Composition 2: Technical Communication English Composition 2: Business Communication	3	ENG 102 or (GWR 200G)	
EVS 110	Environmental Science: Conservation and Cleanup	4	ENV 110 & ELAB 100G	
TBS XXX	Arts/Humanities or Social/Behavioral Science Elective	3	TBD XXX	
MAT 125 & MAT 126 or MAT 151 & MAT 152 or MAT 251 & MAT 252	Algebra and Trigonometry & Functions and Calculus or College Algebra & Trigonometry or Calculus I & Calculus 2	8-10	MAT 119 & MAT 100T or MAT 102/103 & MAT 119 or MAT 129 & MAT 227	
	Subtotal General Education Core	**21-23**		

TBS XXX means to be selected by Cincinnati State student
TBD XXX means to be determined by NKU based on course selected at Cincinnati State

A grade of A or B in MAT 151 equates to MAT 103 + MAT 100T. Grade of C or D in MAT 151 equates to MAT 102 + MAT 100T.

Category 2: CState Degree Requirements for the AAS in Environmental Engineering Technology and NKU Recommendations

CState Course	Course or Category	Credits	NKU Course	Completed
FYE 1XX	First Year Experience Elective	1	UNV 100T	
CHE 110 or CHE 121/131	Fundamental of Chemistry or General Chemistry 1 and Lab (preferred to satisfy NKU requirement)	4-5	CHE 102 & CLAB 100T or CHE 120 & CHE 120L	
EVS 120	Environmental Geology	4	GLY 120 GLY 120L	

CState Course	Course or Category	Credits	NKU Course	Completed
EVT 105	Environmental Sampling	3	ENV 100T	
EVT 140	Environmental Regulations and Permits	2	ENV 100T	
EVT 150	Environmental Chemistry	3	CHE 100T	
EVT 155	Site Mapping and GIS	3	GEO 314	
EVT 160	Solid and Hazardous Waste Management	3	ENV 100T	
EVT 170	Water and Wastewater Treatment and Analysis	4	ENV 130 & ENV 130L	
EVT 180 or MAT 131	Environmental Statistics (preferred to satisfy NKU requirement) or Statistics I	2-3	STA 205 or STA 113	
EVT 220	Air Pollution Control	3	ENV 200T	
EVT 230	Treatment Technologies	3	ENV 200T	
EVT 240	Fluid Mechanics	4	EGT 361	
CIT 190 & EVT 191 or EVT 191 & EVT 192 or EVT 291	Career Preparation: Engineering and Information Technologies & Part-Time Cooperative Education 1: Environmental Engineering Technology or Part-Time Cooperative Education 1: Environmental Engineering Technology & Part-Time Cooperative Education 2: Environmental Engineering Technology or Full-Time Cooperative Education 1: Environmental Engineering Technology	2	CIT 100T & CEP 300 or CEP 300 & CEP 300T or CEP 300T	
EVT 292	Full-time Cooperative Education 2: Environmental Engineering Technology	2	CEP 300T	
PSC 110	Earth Science (Technical Elective)	4	GLY 110	
	Total Associate Degree Credit Hours	**68-72**		

Northern Kentucky University

Category 3: NKU Additional General Education Courses

NKU Course	Course	Credits	CState Course	Taken at CState
TBS XXX	Oral Communication	3	COMM 110	
TBS XXX	Self & Society	9		
TBS XXX	Culture & Creativity	6		
	Subtotal NKU Additional Business Core Credit Hours	**15-18**		

TBS XXX means to be selected.

One Self & Society or Culture & Creativity course may be satisfied by the Arts/Humanities or Social/Behavioral Science Elective taken at Cincinnati State.

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

NKU Course	Course	Credits	CState Course	Taken at CState
BIO 150/150L	Introduction to Biology I with Lab	4	BIO 131	
BIO 151/151L	Introduction to Biology II with Lab	4	BIO 132	
BIO 291W	Advanced Writing in Biology	3		
BIO 304/304L	General Ecology with Lab	4		
CHE 120/120L	General Chemistry I with Lab	4	CHE 121 & CHE 131	x (if selected)
CHE 121/121L	General Chemistry II with Lab	4	CHE 122 & CHE 132	
CHE 310/310L	Organic Chemistry I with Lab	4	CHE 201 & CHE 211	
ENV 110	Introduction to Environmental Science and Issues	3	EVS 110	x
ENV 115	Orientation to Environmental 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	PSC 110	x
GLY 340	Intro to Environmental Geoscience	3		
GLY 450	Hydrogeology	4		
MAT 119	Pre-Calculus Mathematics	3	MAT 125 & MAT 126 or MAT 151 & MAT 152 or MAT 251 & MAT 252	x
PHY 211	General Physics with Laboratory	5	PHY 151	
PHY 213	General Physics with Laboratory II	5	PHY 152	
STA 205	Statistical Methods	3	EVT 180	x (if selected)
Select 1: BIO 406/406L ENV 130/130L ENG 294 ENV 308 ENV 350 ENV 394 ENV 408/408L TBS XXX	Select one course from the following: Ecosystem Ecology with Lab Water and People Topics in Environmental Science Science Communication Environmental Toxicology Topics: Environmental Science Ecology of the City with Lab Other Course Approved by Program Director	3-5	EVT 170	x

NKU Course	Course	Credits	CState Course	Taken at CState
TBS XXX	One 3-credit-hour internship or directed research	3	EVT 191, 192, 291, and 292	x
	Subtotal Major Credit Hours at NKU	**52**		
	Subtotal Major Credit Hours CState	**24**		
	Total Major Credit Hours	**76**		

Category 5: Additional Requirements at NKU

NKU Course	Course	Credits	GCTCS Course	Taken at GCTC
	Subtotal Minor Credit Hours Taken at NKU (Need 3-8 credit hours at the 300/400 level)	**8-14**		
	Total Baccalaureate Degree Credit Hours	**143-156**		

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