



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2021-2022

Associate of Applied Science in Environmental Science Technology to
Bachelor of Arts in Environmental Science

Overview

Completion of the following curriculum will satisfy the requirements for the Associate of Applied Science (AAS) in Environmental Science Technology at a Kentucky Community and Technical College System (KCTCS) institution and leads to the Bachelor of Arts (BA) in Environmental Science at Northern Kentucky University (NKU).

Applying to the KCTCS2NKU 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 their KCTCS institution, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at their KCTCS institution.

Degree Requirements for KCTCS

1) Minimum cumulative GPA 2.0, 2) minimum of 25 percent of credit hours required for the degree earned at the institution awarding the degree, and 3) demonstration of digital literacy.

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. 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 a KCTCS institution.

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.

**KCTCS AAS IN ENVIRONMENTAL SCIENCE TECHNOLOGY TRACK TO
NKU BA IN ENVIRONMENTAL SCIENCE CHECKLIST**

Kentucky Community and Technical College System

Category 1: KCTCS General Education Requirements

KCTCS Course	Course or Category	Credits	NKU Course	Completed
ENG 101	Writing I (WC)	3	ENG 101	
ENG 102	Writing II	3	ENG 102	
COM 181 or COM 252	Basic Public Speaking (OC) or Introduction to Personal Communication	3	CMST 101 or CMST 220	
MAT 150	College Algebra (QR)	3	(MAT 102 or MAT 103) + MAT 100T	
TBS XXX	Social & Behavioral Sciences (SB)	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) - Heritage or Humanities	3	TBD XXX	
	Subtotal General Education Courses	18		

TBS XXX means to be selected by KCTCS student.

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

A grade of A or B in MAT 150 equates to MAT 103 + MAT 100T. Grade of C or D in MAT 150 equates to MAT 102 + MAT 100T.

Note: It is recommended that students work with an advisor to select general education courses as some of the track requirements or pre-requisite courses for the BA degree may count toward general education.

Category 2: KCTCS Technical Core Requirements for the AAS in Environmental Science Technology

KCTCS Course	Course or Category	Credits	NKU Course	Completed
TBS XXX	Digital Literacy	3	TBD XXX	
BIO 150/151	Principles of Biology I with Lab Note: BIO 112 will be waived.	5	BIO 150/150L	
EST 150	Introductory Ecology	4	BIO 304/304L	
CHE 170/175	General College Chemistry and Lab	5	CHE 120/120L	
EST 160/161	Hydrologic Geology and Lab	4	GLY 110/110L	
EST 170	Environmental Sampling Lab	2	UND 100T	
EST 220	Pollution of Aquatic Ecosystems	3	ENV 220	
EST 230	Aquatic Chemistry Lab	2	ENV 220L	
EST 240	Sources and Effects of Air Pollution	4	UND 100T	
EST 250	Solid and Hazardous Waste Management	3	UND 200T	
EST 260	Environmental Analysis Lab	2	UND 100T	
EST 270	Environmental Law and Regulation	3	PSC 200T	
EST 290	Applied Projects in Environmental Science Technology	2		

KCTCS Course	Course or Category	Credits	NKU Course	Completed
TBS XXX	Technical Elective – Choose from list in catalog Recommended: STA 220 Statistics GIS 110 Spatial Data Analysis	3	TBD XXX (STA 205 or GEO 314)	
	Subtotal Technical Core Courses	45		
	Total Associate Degree Hours	63		

Category 3: Additional KCTCS Requirements for Core General Education Certification

In addition to completing the requirements of the AAS degree, students can complete additional courses from the following categories in order to satisfy the general education requirements at NKU. If a student completes the AAS degree and transfers on to NKU without having to complete these courses, they will need to take four general education courses in addition to the required major courses.

Note: It is recommended that students work with an advisor to select general education courses as some of the track requirements or pre-requisite courses for the BA degree may count toward general education

GCTC Course	Course or Category	Credits	NKU Course	Completed
TBS XXX	Arts & Humanities (AH) - Heritage or Humanities – whichever not completed in Category 1	3	TBD XXX	
TBS XXX	Social & Behavioral Science (SB) – different discipline from Category 1	3	TBD XXX	
TBS XXX	Quantitative Reasoning or Social Behavioral (May be fulfilled by STA 220)	3	TBD XXX	
	Subtotal General Education Credit Hours	9		

Northern Kentucky University

Category 4: NKU Additional General Education Courses

Note: It is recommended that students work with an advisor to select general education courses as some of the track requirements or pre-requisite courses for the BA degree may count toward general education

NKU Course	Course or Category	Credits	KCTCS Course	Taken at KCTCS
TBS XXX	Self and Society	6		
TBS XXX	Culture and Creativity	3		
TBS XXX	Global Viewpoints	3		
	Subtotal General Education Credit Hours	12		

Category 5: NKU Major Requirements for BS in Environmental Science

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
ENV 110	Introduction to Environmental Science and Issues	3	BIO 122 or ENV 144	
ENV 115	Orientation to Env. Science Careers	1		
ENV 308	Science Communication	3		
ENV 396 or ENV 492	Internship: Environmental Science or Directed Research: Environmental Science	3		
ENV 493	Seminar: Environmental Science	1		
BIO 150/150L	Introduction to Biology I with Lab	4	BIO 114/115 or BIO 150/151	x
BIO 151/151L	Introduction to Biology II with Lab	4	BIO 116/117 or BIO 152/153	
BIO 291W	Advanced Writing in Biology	3		
BIO 304/304L	General Ecology with Lab	4	EST 150	x
CHE 120/120L	General Chemistry I with Lab	4	CHE 170/175	x
GEO 306 or GEO 418	Environmental Resource Management or Geographic Information Systems	3-4		
GLY 120	This Dangerous Earth	3	Waived if completed EST 160/EST 161	x
PHI 360	Environmental Philosophy	3		
LDR 460	Leading in Diverse and Global Contexts	3		
SOC 355 or ANT 345	Sociology of the Environment or Environmental Anthropology	3		
STA 205	Statistical Methods	3	STA 220 or (MAT 151 or MAT 161 or STA 151) + STA 251	(may be completed)
Choose 2: ANT 325 ANT 340 ANT 342 BIO 342 ENG 546 GEO 314 GEO 415 GEO 419 GEO 518 LDR 315 LDR 381 LDR 385 PAD 420 PAD 511 PHI 302 PRE 385	Choose 2 methods and skills courses: Applied Anthropology Ethnographic Methods and Research Quantitative Methods in Anthropology Biometry Grant Writing Maps and Map Interpretation Cartography Remote Sensing of Environment Geographic Information Analysis Leading People in Organizations Organizational Ethics and Decision Making Teamwork in Organizations Managing the Not-For-Profit Organization Budgeting Techniques and Applications Ethics and Scientific Research Public Relations Research Methods	6	(GIS 110)	(may have 3 hours completed)

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
SOC 319 SOC 320 SOC 322	Managing and Analyzing Databases Social Research Qualitative Research Methods			
	Choose one for the following tracks (see categories 7-10 for details). At least 15 credit hours must be 300/400 level: Nature, Culture, and Social Justice Urban Sustainability Environmental Communication Health, Community, and Environment	21-23		
	Subtotal Major Credit Hours at NKU	57-63		
	Subtotal Major Credit Hours at KCTCS	15-18		
	Total Major Credit Hours	76-79		

Category 6: Additional Requirements at NKU

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
	Subtotal Minor Credit Hours Taken at NKU	N/A		
	Subtotal Elective (300/400 level) Hours	0-1		
	Total Baccalaureate Degree Credit Hours	126-139		

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

Category 7: NKU Requirements for the Nature, Culture, and Social Justice Track

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
ANT 309 ANT 318 ANT 330 ANT 345 ANT 372 ANT 386 ENG 316 ENG 326 ENG 338 ENV 324 GEO 309 HIS 465 PSC 445 SOC 345 SOC 355 SWK 450	Choose 7 courses from the following (may not count any taken for the core): People of Africa Prehistoric Ecology Women, Gender, and Culture Environmental Anthropology Peasant Societies Economy, Wealth and Culture Social Issues in Literature (AH) Literature and the Environment Writing for Social Change Disease Ecology and Human Health Historical Geography of North America Nature and Development in Latin America Sustainability Native American Social Issues Sociology of the Environment Multicultural Issues	21		

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
SWK 460	Ethics and Advocacy			
Subtotal Track Credit Hours at NKU		21		

Category 8: NKU Requirements for the Urban Sustainability Track

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
ENV 408/408L	Ecology of the City with Lab	4		
ANT 345 CMGT 323 CMGT 425 CMST 340 ECO 201 GEO 306 GEO 309 GEO 340 GEO 418 MGT 300 MGT 306 PAD 455 PAD 560 SOC 400 SOC 415	Choose 6 courses from the following (may not count any taken for the core): Environmental Anthropology Land Planning and Development Sustainable Construction Strategies of Persuasion Principles of Microeconomics (SB) Environmental Resource Management Historical Geography of North America Sustainable Food Systems Geographic Information Systems Behavior in Organizations: Understanding Organizational Life Project Management Urban Administration Planning and Community Development Urban Society Sociology of Planning and Development	18	(ECO 201)	
Subtotal Track Credit Hours at NKU		21-23		

Category 9: NKU Requirements for the Environmental Communication Track

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS
CMST 230 CMST 303 CMST 330 CMST 340 CMST 370 CMST 381 EDU 445 EDU 446 EDU 447 ENG 316	Choose 7 courses from the following (may not count any taken for the core): Small Group Communication Organizational Communication Political Communication Strategies of Persuasion Advanced Public Speaking Computer-Mediated Communication Introduction to Environmental Education Strategies for Environmental Education Outdoor Learning Environments Social Issues in Literature (AH)	21	(COM 281) (COM 287, SPE 340 or CMS 290)	

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS	
ENG 326	Literature and the Environment		(JAT 204 or JOU 204)		
ENG 338	Writing for Social Change				
JOU 220	News Writing				
JOU 230	News Reporting and Writing				
JOU 305	Science in the Media				
JOU 325	Photojournalism				
JOU 440	Current Topics in Media Ethics				
JOU 450	Media Skills				
PRE 275	Principles of Public Relations				
PRE 376	Public Relations Writing				
PRE 377	Public Relations Case Studies and Campaigns				
SWK 460	Ethics and Advocacy				
	Subtotal Track Credit Hours at NKU	21			

Category 10: NKU Requirements for the Health, Community, and Environment Track

NKU Course	Course	Credits	KCTCS Course	Taken at KCTCS		
	Choose 7 courses from the following (may not count any taken for the core):					
ANT 321	Medical Anthropology		(KHP 150, KHP 230, or HEA 135 + HEA 230)			
ANT 322	Health and Disease in Past Societies					
CMST 403	Health Communication					
ENV 324	Disease Ecology and Human Health					
ENV 350	Environmental Toxicology					
HEA 125	Foundations of Health Ed & Promotion					
HEA 230	Personal Health and Wellness					
HEA 270	Community Health	21		(HIT 100)		
HIN 101	Introduction to Health Informatics			(HCI 200)		
HIN 355	Foundations of Health Informatics					
HIN 356	Health Information Management					
PAD 560	Planning and Community Development					
PHI 220	Health Care Ethics (AH)				(PHI 110 or PHL 110)	
SOC 340	Population				(SOC 260)	
SOC 342	Sociology of Aging					
SOC 355	Sociology of the Environment					
SOC 371	Environment, Society, and Public Health					
SOC 450	Medical Sociology					
SOC 480	Global Aging Issues and Policies					
	Subtotal Track Credit Hours at NKU		21			