Associate of Science to Bachelor of Arts in Environmental Science

Completion of the following curriculum will satisfy the requirements for the **Associate of Science** degree at Gateway Community and Technical College and leads to the **Bachelor of Arts in Environmental Science** degree at Northern Kentucky University.

Degree requirement 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 studies course, and 5) demonstration of computer/digital literacy.

Admission requirements for a Bachelor of Arts in Environmental Science:
The admission standards for all students pursuing degrees in environmental science are mathematics ACT 22 and CPE minimum standards of 18 and 20 reading, or successful completion of appropriate developmental courses. Transfer students must also meet these requirements before declaring an environmental science major.

Degree requirements for a Bachelor of Arts in Environmental Science:
Student must meet pre-requisites for each course, must earn a minimum average GPA 2.0 across all major coursework AND earn at least a C- in each course counted toward the major.

GCTC AS TO NKU BA IN ENVIRONMENTAL SCIENCE CHECKLIST

Gateway Community and Technical College

Category I: General Education Core Requirements				
GCTC Course	**Course or Category**	**Credits**	**NKU Course**	✓
ENG 101	Writing I (WC)	3	ENG 101	
Gateway2NKU	Advanced Writing in Biology (WC)	3	BIO 291W	
COM 181	Basic Public Speaking (OC)	3	CMST 101	
TBS XXX	Arts & Humanities (AH) – Heritage	3	TBD XXX	
PHI 110* OR TBS XXX	Medical Ethics (AH) OR Arts & Humanities (AH) – Humanities	3	PHI 220 OR TBD XXX	
ECO 201*	Principles of Microeconomics (SB)	3	ECO 201	
SOC 260* OR TBS XXX	Population, Resources and Change (SB) OR Social & Behavioral Sciences Course (SB)	3	SOC 340 OR TBD XXX	
BIO 114/115	Biology I / Biology Laboratory II (NS)	4	BIO150/150L	
BIO 116/117	Biology II / Biology Laboratory II (SL)	4	BIO 151/151L	
MAT 150	College Algebra (QR)	3	MAT 109	
STA 220	Statistics (QR)	3	STA 205	
Subtotal General Education Courses		**35**		

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

Category II: AS Requirements				
GCTC Course	**Course or Category**	**Credits**	**NKU Course**	✓
CHE 170/175	General College Chemistry I/General College Chemistry Laboratory I	5	CHE 120/120L	
BIO 122	Introduction to Conservation Biology	3	ENV 110	
COM 287* OR TBS XXX	Persuasive Speaking OR Elective	3	CMST 340 TBD XXX	
COM 281* OR TBS XXX	Communication In Small Groups Elective	3	CMST 230 TBD XXX	
Subtotal AS Requirement Courses		**14**		

Category III: Electives				
GCTC Course	**Course or Category**	**Credits**	**NKU Course**	✓
CIT 105 OR OST 105	Introduction to Computing OR Introduction to Information Systems (Fulfills Digital Literacy Requirement)**	3	BIS 101	
Gateway2NKU	This Dangerous Earth	3	GLY 120	
Gateway2NKU	Environmental Resource Management OR Geographic Information Systems	3-4	GEO 306 OR GEO 418	
Gateway2NKU	Sociology of the Environment OR Environmental Anthropology	3	SOC 355 OR ANT 345	
Subtotal Elective Courses		**12-13**		
Total Associate Degree Hours		**61-62**		

*These courses apply only to certain tracks within the major at NKU. Students should work with their NKU advisor to select the track that most closely fits into their careers goals.

**If Fulfilling Digital Literacy Requirement in another way besides CIT 105 or OST 105, may need additional hours.

Northern Kentucky University

Category IV: Major Core Requirements for the BA in Environmental Science				
NKU Course	**Course**	**Credits**	**GCTC Course**	**Taken at GCTC**
ENV 110	Introduction to Environmental Science…	3	BIO 122	X
ENV 115	Orientation to Env. Science Careers	1		
ENV 308	Science Communication	3		
ENV 396 OR ENV 492	Internship: Environmental Science OR Directed Research: Env. Science	1-3		
ENV 493	Seminar: Environmental Science	1		
BIO 150 AND BIO 150L	Introduction to Biology I AND Introduction to Biology I Laboratory	4	BIO 114/115	X
BIO 151 AND BIO 151L	Introduction to Biology II AND Introduction to Biology II Laboratory	4	BIO 116/117	X
BIO 291W	Advanced Writing in Biology	3	Gateway2NKU	X
BIO 304 AND BIO 304L	General Ecology AND Ecology Laboratory	4		
CHE 120 AND CHE 120L	General Chemistry I AND General Chemistry I Laboratory	4	CHE 170/175	X
GEO 306 OR GEO 418	Environmental Resource Management OR Geographic Information Systems	3-4	Gateway2NKU	X
GLY 120	This Dangerous Earth	3	Gateway2NKU	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	Gateway2NKU	X
STA 205	Introduction to Statistical Methods	3	STA 220	X
TBS XXX TBS XXX	Choose two Methods and Skills Courses (See catalog)	6		
	Each student must choose one of four tracks within the major. Each track is 21-23 credit hours to complete. Each student must complete a minimum of 15 credit hours at or above the 300-level within the chosen track. (See catalog)	21-23		
Subtotal Major Credit Hours Taken at NKU		**43-47**		

Graduation from NKU requires that a student successfully complete a minimum of 120 hours in college-level coursework, 45 of which must be earned at the 300/400 level. Students should work closely with their NKU academic advisor to ensure all major/minor and graduation requirements are fulfilled.

Category V: Additional Requirements			
Subtotal Elective (300/400 level) Hours:	**11-16**		
Total Baccalaureate Degree Credit Hours:	**120**		

Updated May 2018