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# TRANSFER PATHWAY GUIDE

# 2019-2020

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 degree at the Gateway Community and Technical College and leads to the Bachelor of Science in Environmental Science degree at Northern Kentucky University.

## 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 25 percent of credit hours required for the degree earned at the institution awarding the degree, 4) 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. In addition, students pursuing degrees in environmental science must have a mathematics ACT of 22, and English ACT of 18 and a reading ACT of 20 or successful completion of corequisite courses. This requirement also applies to transfer students.

## 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.

## 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 (35 hours)

| **GCTC Course** | **Course or Category** | **Credits** | **NKUCourse** | **Completed** |
| --- | --- | --- | --- | --- |
| ENG 101 | Writing I (WC) | 3 | ENG 101 |  |
| Gateway2NKU | 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 161 | Statistics and Algebra (QR)  | 3 | MAT 101 + MAT 102 |  |
| STA 251 | Applied Statistics (QR) | 3 | STA 205 (with MAT 151 or MAT 161) |  |
|  | **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.

One of these courses must be selected from the KCTCS identified Cultural Studies course list, indicate by placing (CS) next to the course name in Category 1 or 2 tables.

#### Category 2: GCTCS AS Requirements (10 hours)

| **GCTC Course** | **Course or Category** | **Credits** | **NKUCourse** | **Completed** |
| --- | --- | --- | --- | --- |
| MAT 171 | Precalculus | 5 | MAT 103 + MAT 119 |  |
| CHE 170/175 | General College Chemistry I/General College Chemistry Laboratory I | 5 | CHE 120/120L |  |
|  | **Subtotal AS Requirement Courses** | **10** |  |  |

#### Category 3: GCTCS Electives (16-17 hours)

| **GCTC Course** | **Course or Category** | **Credits** | **NKUCourse** | **Completed** |
| --- | --- | --- | --- | --- |
| CIT 105 orOST 105 | Introduction to Computers or Introduction to Information Systems  | 3 | BIS 101 |  |
| FYE 105 | Achieving Academic Success | 3 | UNV 100T |  |
| CHE 180/185 | General College Chemistry II/General College Chemistry Laboratory II | 5 | CHE 121/121L |  |
| Gateway2NKU | Introduction to Environmental Science and Issues | 3 | ENV 110 |  |
| PHY 201/202 | College Physics I/College Physics Lab I | 5 | PHY 211 |  |
|  | **Subtotal Elective Courses** | **19** |  |  |
|  | **TOTAL Associate Degree Hours** | **64** |  |  |

Students should work with their advisor to review the track options for the BA in Categories 5 tables. ANT 100 is recommended for students as it may fulfill a prerequisite in their chosen track.

### Northern Kentucky University

#### Category 4: NKU Major Requirements for the BA 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 | Gateway2NKU | 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 or Gateway2NKU | X |
| ENV 115 | Orientation to Env. Science Careers | 1 |  |  |
| ENV 493 | Seminar: Environmental Science | 1 |  |  |
| GEO 306 | Environmental Resource Management | 3 |  |  |
| GEO 418 | Geographic Information Systems | 4 |  |  |
| GLY 120 | This Dangerous Earth | 3 |  |  |
| 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 | 5 | PHY 201/202 | X |
| PHY 213 | General Physics with Laboratory II | 5 | PHY 203/204 |  |
| STA 205 | Statistical Methods | 3 | MAT 161 +STA 251 | X |
| Select 1:BIO 406/406LENV 220/220LENG 294ENV 308ENV 350ENV 394ENV 408/408LTBS XXX | Select one course from the following:Ecosystem Ecology with Lab orProtecting Water Resources with Lab orTopics in Environmental Science orScience Communication orEnvironmental Toxicology orTopics: Environmental Science orEcology of the City with Lab orOther Course Approved by Prog. Director | 3-5 |  |  |
| TBS XXX | One 3-credit-hour internship or directed research | 3 |  |  |
|  | **Subtotal Major Credit Hours at NKU**  | **38-40** |  |  |
|  | **Subtotal Major Credit Hours at GCTC** | **33** |  |  |
|  | **Total Baccalaureate Degree Credit Hours** | **71-73** |  |  |

**Category 5: Additional Requirements at NKU**

| **NKU Course** | **Course** | **Credits** | **GCTCS Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
|  | **Subtotal Minor Credit Hours Taken at NKU** | **8-14** |  |  |
|  | **Subtotal Elective (300/400 level) Hours** | **2-10** |  |  |
|  | **Total Baccalaureate Degree Credit Hours** | **120** |  |  |

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