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# TRANSFER PATHWAY GUIDE

# 2019-2020

Associate in Science to

Bachelor of Arts 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 Arts 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 BA IN ENVIRONMENTAL SCIENCE CHECKLIST**

**Gateway Community and Technical College**

#### Category 1: GCTC General Education Requirements (35 hours)

| **GCTC Course** | **Course or Category** | **Credits** | **NKU Course** | **Completed** |
| --- | --- | --- | --- | --- |
| 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 |  |
| TBS XXX | Arts & Humanities (AH) – Humanities | 3 | TBD XXX |  |
| SOC 101 | Introduction to Sociology (SB) | 3 | SOC 100 |  |
| ANT 160 | Cultural Diversity in the Modern World (SB) | 3 | ANT 100 |  |
| 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 151 or MAT 161 | Introduction to Applied Statistics (QR) OR Statistics and Algebra (QR) | 3 | STA 100G  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 table.

#### Category 2: GCTCS AS Requirements (9 hours)

| **GCTC Course** | **Course or Category** | **Credits** | **NKU Course** | **Completed** |
| --- | --- | --- | --- | --- |
| CHE 170/175 | General College Chemistry I/General College Chemistry Laboratory I | 5 | CHE 120/120L |  |
| GLY 110/114 | Environmental Geology/  Environmental Geology Laboratory | 4 | GLY 120 |  |
|  | **Subtotal AS Requirement Courses** | **9** |  |  |

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

| **GCTC Course** | **Course or Category** | **Credits** | **NKU Course** | **Completed** |
| --- | --- | --- | --- | --- |
| CIT 105 OR OST 105 | Introduction to Computers OR  Introduction to Information Systems | 3 | BIS 101 |  |
| FYE 105 | Achieving Academic Success | 3 | UNV 100T |  |
| EST 150 | Introductory Ecology | 4 | BIO 304/304L |  |
| Gateway2NKU | Introduction to Environmental Science and Issues | 3 | ENV 110 |  |
| Gateway2NKU | Environmental Resource Management or  Geographic Information Systems | 3-4 | GEO 306 or GEO 418 |  |
|  | **Subtotal Elective Courses** | **16-17** |  |  |
|  | **TOTAL Associate Degree Hours** | **60-61** |  |  |

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** |
| --- | --- | --- | --- | --- |
| ENV 110 | Introduction to Environmental Science… | 3 | BIO 122 or Gateway2NKU | X |
| ENV 115 | Orientation to Environmental Science Careers | 1 |  |  |
| ENV 308 | Science Communication | 3 |  |  |
| ENV 396 or  ENV 492 | Internship: Environmental Science or  Directed Research: Environmental 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 | EST 150 | X |
| 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 | GLY 110/114 | 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 | Introduction to Statistical Methods | 3 | (MAT 151 or MAT 161) +  STA 251 | X |
| TBS XXX  TBS XXX | Choose two Methods and Skills Courses (See NKU 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. | 21-23 |  |  |
|  | **Subtotal Major Credit Hours at NKU** | **21-23** |  |  |
|  | **Subtotal Major Credit Hours GCTC** | **31-32** |  |  |
|  | **Total Major Credit Hours** | **73-78** |  |  |
|  | **Total Baccalaureate Degree Credit Hours** | **133-139** |  |  |

#### Category 5: Nature, Culture, and Social Justice Track Requirements (choose 21 hours)

| **NKU**  **Course** | **Course** | **Credits** | **GCTC**  **Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
|  | **Choose 21 credit hours from the following:** |  |  |  |
| ANT 309 | Peoples of Africa | 3 |  |  |
| ANT 318 | Prehistoric Ecology | 3 |  |  |
| ANT 330 | Women, Gender, and Culture | 3 |  |  |
| ANT 345 | Environmental Anthropology | 3 |  |  |
| ANT 372 | Peasant Societies | 3 |  |  |
| ANT 386 | Economy, Wealth and Culture | 3 |  |  |
| ENG 316 | Social Issues in Literature | 3 |  |  |
| ENG 326 | Literature and the Environment | 3 |  |  |
| ENG 338 | Writing for Social Change | 3 |  |  |
| GEO 302 | Cultural Geography | 3 |  |  |
| HIS 465 | Nature and Development in Latin America | 3 |  |  |
| PSC 445 | Sustainability | 3 |  |  |
| SOC 345 | Native American Social Issues | 3 |  |  |
| SOC 355 | Sociology of the Environment | 3 |  |  |
| SWK 450 | Multicultural Issues | 3 |  |  |
| SWK 460 | Ethics and Advocacy | 3 |  |  |
|  | **Total Track Credit Hours** | **21** |  |  |

#### Category 5: Urban Sustainability Track Requirements (choose 21-23 hours)

| **NKU**  **Course** | **Course** | **Credits** | **GCTC**  **Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
|  | **Choose 21-23 credit hours from the following:** |  |  |  |
| ANT 345 | Environmental Anthropology | 3 |  |  |
| CMGT 323 | Land Planning and Development | 3 |  |  |
| CMGT 425 | Sustainable Construction | 3 |  |  |
| CMST 340 | Strategies of Persuasion | 3 |  |  |
| ECO 201 | Principles of Microeconomics | 3 |  |  |
| ENV 408 | Ecology of the City | 4 |  |  |
| GEO 301 | Geographical Processes in World Cities | 3 |  |  |
| GEO 303 | Geographic Patterns of Economic Development | 3 |  |  |
| GEO 306 | Environmental Resource Management | 3 |  |  |
| GEO 310 | Geography of Population | 3 |  |  |
| GEO 340 | Sustainable Food Systems | 3 |  |  |
| GEO 418 | Geographic Information Systems | 4 |  |  |
| MGT 300 | Behavior in Organizations: Understanding Organizational Life | 3 |  |  |
| MGT 306 | Project Management | 3 |  |  |
| PAD 455 | Urban Administration | 3 |  |  |
| PAD 560 | Planning and Community Development | 3 |  |  |
| SOC 400 | Urban Society | 3 |  |  |
| SOC 415 | Sociology of Planning and Development | 3 |  |  |
|  | **Total Track Credit Hours** | **21-23** |  |  |

#### Category 5: Environmental Communication Track Requirements (choose 21 hours)

| **NKU**  **Course** | **Course** | **Credits** | **GCTC**  **Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
|  | **Choose 21 credit hours from the following:** | 3 |  |  |
| CMST 230 | Small Group Communication | 3 |  |  |
| CMST 303 | Organizational Communication | 3 |  |  |
| CMST 330 | Political Communication | 3 |  |  |
| CMST 340 | Strategies of Persuasion | 3 |  |  |
| CMST 370 | Advanced Public Speaking | 3 |  |  |
| CMST 381 | Computer-Mediated Communication | 3 |  |  |
| EDU 445 | Introduction to Environmental Education | 3 |  |  |
| EDU 446 | Strategies for Environmental Education | 3 |  |  |
| EDU 447 | Outdoor Learning Environments | 3 |  |  |
| ENG 316 | Social Issues in Literature | 3 |  |  |
| ENG 326 | Literature and the Environment | 3 |  |  |
| ENG 338 | Writing for Social Change | 3 |  |  |
| JOU 220 | News Writing | 3 |  |  |
| JOU 230 | News Reporting and Writing | 3 |  |  |
| JOU 325 | Photojournalism | 3 |  |  |
| JOU 330 | Public Affairs Reporting | 3 |  |  |
| JOU 440 | Current Topics in Media Ethics | 3 |  |  |
| JOU 450 | Media Skills | 3 |  |  |
| PRE 375 | Principles of Public Relations | 3 |  |  |
| PRE 376 | Public Relations Writing | 3 |  |  |
| PRE 377 | Public Relations Case Studies and Campaigns | 3 |  |  |
| SWK 460 | Ethics and Advocacy | 3 |  |  |
|  | **Total Track Credit Hours** | **21** |  |  |

#### Category 5: Health, Community, and Environment Track Requirements (choose 21-22 hours)

| **NKU**  **Course** | **Course** | **Credits** | **GCTC**  **Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
|  | **Choose 21 credit hours from the following:** |  |  |  |
| ANT 321 | Medical Anthropology | 3 |  |  |
| ANT 322 | Health and Disease in Past Societies | 3 |  |  |
| CMST 403 | Health Communication | 3 |  |  |
| ENV 350 | Environmental Toxicology | 3 |  |  |
| HEA 125 | Foundations of Health Ed & Promotion | 3 |  |  |
| HEA 230 | Personal Health and Wellness | 3 |  |  |
| HEA 270 | Community Health | 3 |  |  |
| HIN 101 | Introduction to Health Informatics | 1 |  |  |
| HIN 355 | Foundations of Health Informatics | 3 |  |  |
| HIN 356 | Health Information Management | 3 |  |  |
| PAD 560 | Planning and Community Development | 3 |  |  |
| PHI 220 | Health Care Ethics | 3 |  |  |
| SOC 340 | Population | 3 |  |  |
| SOC 342 | Sociology of Aging | 3 |  |  |
| SOC 355 | Sociology of the Environment | 3 |  |  |
| SOC 371 | Environment, Society, and Public Health | 3 |  |  |
| SOC 450 | Medical Sociology | 3 |  |  |
| SOC 480 | Global Aging Issues and Policies | 3 |  |  |
|  | **Total Track Credit Hours** | **21** |  |  |

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