

# transfer pathway guide

# 2019-2020

Associate of General Studies in General Studies To

Bachelor of Arts in Biological Sciences with Secondary Education

## Overview

Completion of the following curriculum will satisfy the requirements for the **Associate of General Studies in General Studies** degree at Ivy Tech Community College and leads to the **Bachelor of Arts in Biological Sciences with Secondary Education** degree at Northern Kentucky University.

## Applying to the IvyTech2NKU 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 Ivy Tech, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at Ivy Tech.

## Degree Requirements for Ivy Tech

To earn a degree at Ivy Tech a student must successfully complete the required number of credits for the degree, attain a minimum GPA of 2.0 in the required technical and general education courses, and complete at least 15 degree credits in the curriculum as a regular student of Ivy Tech.

## Admission Requirements for NKU

Students completing an associate degree with a cumulative GPA of 2.0 or higher will be accepted into NKU. The admission requirements for a Bachelor of Arts degree in Early Childhood Education are below. (Courses in parentheses are Ivy Tech course equivalents)

* A minimum overall GPA of 2.75
* A minimum grade of “B” in CMST 101 (COMM 101) and ENG 102 (ENGL 215)
* A minimum grade of “C” in all other pre-admission courses and required EDU and EDS courses, which include EDU 300 (PSYC 201), EDU 305 (EDU 101), EDU 313 (EDUC 201), EDU 316 (EDUC 255), and EDS 360 (EDUC 230).
* Praxis Core Academic Skills for Educators: Reading (5712) – 156 or higher, Writing (5722) – 162 or higher and Mathematics (5732) – 150 or higher (IECE certification Track)
* Pass criminal background check
* 60 semester hours completed
* An acceptable portfolio
* A completed application to the Teacher Education program
* A completed application to Northern Kentucky University

Students wishing to be certified to teach biology at the secondary level must complete the requirements for the Secondary Education major along with the requirements for a Biological Sciences major.

## 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 requirements for the major. In some cases, students must complete a focus or minor as indicated on the pathway.

### Ivy Tech Community College of Indiana

Students must complete the following courses for the Associate of General Studies in General Studies.

#### Category 1: Transfer General Education Core (TGEC) Competencies

| **ITCC Course** | **Course or Category** | **Credits** | **NKU Course** | **Completed** |
| --- | --- | --- | --- | --- |
| ENGL 111 | English Composition | 3 | ENG 101 |  |
| COMM 101 | Fundamentals of Public Speaking | 3 | CMST 101 |  |
| MATH 136 | College Algebra | 3 | MAT 109 |  |
| PSYC 101 | Introduction to Psychology | 3 | PSY 100 |  |
| PSYC 201 | Lifespan Development | 3 | EDU 300 |  |
| XXXX 101 | Foreign Language I (FREN, GERM, SPAN) | 3 | TBD XXX |  |
| XXXX 102 | Foreign Language II (FREN, GERM, SPAN) | 3 | TBD XXX |  |
| BIOL 105 | Biology I | 5 | BIO 150/150L |  |
| BIOL 107 | Biology II | 5 | BIO 151/151L |  |
|  | **Subtotal General Education Core** | **31** |  |  |

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

#### Category 2: Degree Requirements for Associate of General Studies in General Studies

| **ITCC Course** | **Course or Category** | **Credits** | **NKU Course** | **Completed** |
| --- | --- | --- | --- | --- |
| IVYT 111 | Student Success in University Transfer | 1 | UNV 100T |  |
| COMM 102 or  PHIL 102 or  POLS 101 | Introduction to Interpersonal Communication or  Introduction to Ethics or  Introduction to American Government & Politics | 3 | CMST 220  PHI 200  PSC 100 |  |
| ENGL 215 | Rhetoric and Argument | 3 | ENG 102 |  |
| EDUC 101 | Introduction to Teaching | 3 | EDU 305 |  |
| EDUC 201 | Technology in Education | 2 | EDU 313 |  |
| EDUC 255 | Multicultural Teaching | 3 | EDU 316 |  |
| CHEM 105 | General Chemistry I | 5 | CHE 120/120L |  |
| CHEM 106 | General Chemistry II | 5 | CHE 121/121L |  |
| MATH 200 | Statistics | 3 | STA 205 |  |
| GENS 279 | General Studies Capstone Course | 1 | GIS 100G |  |
|  | **Total Associate Degree Credit Hours** | **60** |  |  |

### Northern Kentucky University

Students must complete the following courses for a major in Secondary Education.

#### Category 3: Major Requirements for Secondary Education

| **NKU Course** | **Course** | **Credits** | **ITCC Course** | **Taken at ITCC** |
| --- | --- | --- | --- | --- |
| EDU 104 | Orientation: Education Profession/Program | 1 |  |  |
| EDU 300 | Human Growth and Development | 3 | PSYC 201 | x |
| EDU 304 or  EDU 530 | Reading and Writing Across the Curriculum: Middle Grades or  Reading in Junior and Senior High School | 3 |  |  |
| EDU 305 | Introduction to Education | 2 | EDUC 101 | x |
| EDU 311 | Admission Field Experience Secondary | 2 |  |  |
| EDU 313 | Instructional Technology | 2 | EDUC 201 | x |
| EDU 316 | Racism and Sexism in Education al Institutions | 3 | EDUC 255 | x |
| EDU 319 | Classroom Climate Management Secondary | 1 |  |  |
| EDU 324 | Fundamentals of Secondary Education | 2 |  |  |
| EDU 325 | Educational Assessment Secondary | 2 |  |  |
| EDU 330 | Teaching Science in Secondary School | 3 |  |  |
| EDU 393 | Secondary Field Experience I | 2 |  |  |
| EDU 396 | Secondary Field Experience II | 2 |  |  |
| EDU 496 | Clinical Experience Secondary | 12 |  |  |
| EDS 324 | Instructional Planning for Inclusive Secondary Classrooms | 3 |  |  |
| EDS 360 | Students with Exceptionalities in School | 3 | EDUC 230 |  |
| PSY 100 | Introduction to Psychology | 3 | PSYC 101 | x |
| CMST 101 | Public Speaking | 3 | COMM 101 | x |
| ENG 102 | Advanced College Writing | 3 | ENGL 215 | x |
|  | **Subtotal NKU Education Courses Credit Hours** | **36** |  |  |

EDU 311 is waived if student provides documentation of 50 hours of field experience in an education setting. If EDU 311 is waived, student must complete EDU 334: Portfolio Development (1 credit).

Students must complete the following courses for a major in Biological Sciences.

#### Category 4: Major Requirements for Biological Sciences

| **NKU Course** | **Course** | **Credits** | **ITCC Course** | **Taken at ITCC** |
| --- | --- | --- | --- | --- |
| BIO 150/150L | Introduction to Biology I with lab | 4 | BIOL 105 | x |
| BIO 151/151L | Introduction to Biology II with lab | 4 | BIOL 107 | x |
| BIO 155 | Orientation to Biology | 1 |  |  |
| BIO 291W | Advanced Writing in Biology | 3 |  |  |
| BIO 304/304L | General Ecology with lab | 4 | BIOL 240 |  |
| BIO 349/349L | Genetics with lab | 4 | BIOL 222 |  |
| BIO 458 | Evolution of Organisms | 3 |  |  |
| BIO 491 | Comprehensive Examination | 0 |  |  |
| CHE 120/120L | General Chemistry I with lab | 4 | CHEM 105 | x |
| CHE 121/121L | General Chemistry II with lab | 4 | CHEM 106 | x |
| CHE 310/310L | Organic Chemistry I with lab | 4 |  |  |
| PHY 211/213 or  PHY 220/222 | General Physics with Laboratory I and II  or  University Physics with Laboratory I and II | 8-10 | PHYS 101/102 |  |
| STA 205 | Introduction to Statistical Methods | 3 | MATH 200 | x |
|  | Foreign Language (must complete a course at the 102 or higher level or CLEP or AP exam equivalency) | 0-6 |  | x |
|  | Select one course from cellular/molecular/genetics group | 3-4 |  |  |
|  | Select one course from ecology/evolution/organismal group | 3-4 |  |  |
|  | Select three BIO elective courses (one course must be an animal course and one must be a plant course) | 9-12 |  |  |
|  | **Subtotal NKU Biology Courses Credit Hours** | **42** |  |  |
|  | **Total Baccalaureate Degree Credit Hours** | **138** |  |  |

Updated May 2019 for Fall 2019 Start