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# TWO DEGREES, ONE PATH

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## TRANSFER PATHWAY GUIDE 2025-2026

Associate of Arts in Pre-Secondary Education - Biology  
at UC Clermont College to  
Bachelor of Arts in Biology with Secondary Education  
at Northern Kentucky University

### ***Overview***

Completion of the following curriculum will satisfy the requirements for the Associate of Arts (AA) in Pre-Secondary Education - Biology degree at UC Clermont College and leads to the Bachelor of Arts (BA) in Biology with Secondary Education degree at Northern Kentucky University (NKU).

### ***Degree Requirements for UC Clermont***

To earn a degree at UC Clermont, a student must complete a minimum of 60 credit hours, attain a minimum cumulative GPA of 2.0, and earn a minimum of 15 credit hours at the institution awarding the degree.

### ***Admission Requirements for NKU***

Students completing an associate degree with a cumulative GPA of 2.0 or higher will be accepted into NKU.

In addition, students must meet the following requirements for admission into Education.  
(Courses in parentheses are UC Clermont course equivalents)

- A minimum overall GPA of 2.75
- A minimum grade of "B" in CMST 101 (COMM 1071) and ENG 102 (ENGL 2089)
- A minimum grade of "C" in all other pre-admission courses and required EDU and EDS courses which include EDU 300 (PSYC 2005 and PSYC 2007), EDU 305 (EDST 1001), EDU 313 (CI 1001), and EDS 360 (SPED 1001).
- Meet the entrance exam requirement through an approved combination of passing scores on the ACT and/or Praxis I Core Academic Skills for Educators exams

- o ACT Comp. 22 -OR-
- o Reading (ACT: 20 -or- Praxis I: 156) and
- o Eng./Writing (ACT: 18 -or- Praxis I: 162) and
- o Mathematics (ACT: 19 -or- Praxis I: 150)

ACT scores must be less than 5 years old at time of admissions semester

- Pass criminal background check
- 60 semester hours completed
- An acceptable portfolio

### ***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 majoring in Education must maintain a GPA of 2.75 overall and in major courses and earn a minimum grade of C in all education courses. Students must meet the pre-requisites for each course. Students wishing to be certified to teach Biology at the secondary level must complete the requirements for the B.A. in Secondary Education along with the requirements for a B.A. in Biological Sciences. No minor is required for this major.

**UC CLERMONT COLLEGE AA IN PRE-SECONDARY EDUCATION - BIOLOGY TO NKU BA IN  
BIOLOGY WITH SECONDARY EDUCATION CHECKLIST**

**UC Clermont College**

**Category 1: UC Clermont Requirements for the AA in Pre-Secondary Education – Biology**

| <b>UC Clermont Course</b> | <b>Course or Category</b>                              | <b>Credits</b> | <b>NKU Course</b>               | <b>Completed</b> |
|---------------------------|--------------------------------------------------------|----------------|---------------------------------|------------------|
| PRFS 1100                 | First Year Experience UC Clermont College              | 1              | UNV 100T                        |                  |
| BIOL1081                  | Biology I: Molecules, Cells and the Foundation of Life | 4              | BIO 150                         |                  |
| BIOL1081L                 | Biology I Lab                                          |                | BIO 150L                        |                  |
| BIOL1082                  | Biology II: Evolution, Physiology, and Ecology         | 3              | BIO 151                         |                  |
| BIOL1082L                 | Biology II Lab                                         | 1              | BIO 151L                        |                  |
| CI1001                    | Educational Technology                                 | 3              | EDU 313                         |                  |
| CI3003                    | Teaching and Learning in Diverse Classrooms            | 3              | EDU 316                         |                  |
| COMM1071                  | Introduction to Effective Speaking                     | 3              | CMST 101                        |                  |
| EDST1001                  | Introduction to Education                              | 3              | EDU 305                         |                  |
| EDST2003                  | Pre-Adolescent through Adolescent Development          | 3              | EDU 300                         |                  |
| ENGL1001                  | English Composition                                    | 3              | ENG 101                         |                  |
| ENGL2089                  | Intermediate Composition                               | 3              | ENG 102                         |                  |
| PSYC1001                  | Introduction to Psychology                             | 3              | PSY 100                         |                  |
| SPED1001                  | Individuals with Exceptionalities                      | 3              | EDS 360                         |                  |
| EDST1002                  | Educational Psychology                                 | 3              | PSY 300T                        |                  |
| STAT1031                  | Statistics I                                           | 3              | STA 205                         |                  |
| EDST2081                  | Cooperative Learning and Differentiation               | 3              | Waive<br>EDS 324                |                  |
| EDST2099                  | Critical Pedagogy in Education                         | 3              | Waive<br>EDU 311 and<br>EDU 104 |                  |
| EDST2010                  | Classroom Management and Learning                      | 3              | Waive<br>EDS 319                |                  |
| CHEM 1040                 | General Chemistry I                                    | 4              | CHE 120                         |                  |
| CHEM 1040L                | General Chemistry I Lab                                | 1              | CHE 120L                        |                  |
| CHEM 1041                 | General Chemistry II                                   | 4              | CHE 121                         |                  |
| CHEM 1041L                | General Chemistry II Lab                               | 1              | CHE 121L                        |                  |
|                           | <b>Minimum Total Associate Degree Hours</b>            | <b>61</b>      |                                 |                  |

## Northern Kentucky University

Students must complete the following courses for a BA in Secondary Education. In addition, students must complete the content courses for a BA in Biology.

### Category 2: NKU Requirements for the BA in Secondary Education

| NKU Course         | Course                                                                                             | Credits   | UC Clermont Course       | Taken at UC Clermont |
|--------------------|----------------------------------------------------------------------------------------------------|-----------|--------------------------|----------------------|
| EDU 104            | Orientation: Education Profession/Program                                                          | 1         | Waived                   | x                    |
| EDU 300            | Human Growth and Development                                                                       | 3         | EDST 2003                | x                    |
| EDU 304 or EDU 354 | Reading and Writing Across the Curriculum: Middle Grades or Read/Write Across Curriculum-Secondary | 3         |                          |                      |
| EDU 305            | Introduction to Education                                                                          | 2         | EDST 1001                | x                    |
| EDU 311            | Admission Field Experience Secondary                                                               | 2         | EDST 2099                | x                    |
| EDU 313            | Instructional Technology                                                                           | 3         | CI 1001                  | x                    |
| EDU 316            | Education in a Multicultural Society                                                               | 3         | CI 3003                  | x                    |
| EDU 319            | Classroom Climate Management Secondary                                                             | 1         | EDST 2010 (Substitution) | x                    |
| EDU 324            | Fundamentals of Secondary Education                                                                | 1         |                          |                      |
| EDU 325            | Educational Assessment Secondary                                                                   | 2         |                          |                      |
| EDU 330            | Teaching Science in Secondary School                                                               | 3         |                          |                      |
| EDU 334            | Portfolio Development                                                                              | 1         |                          |                      |
| 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         | EDST 2081 (Substitution) | x                    |
| EDS 360            | Students with Exceptionalities in Schools                                                          | 3         | SPED 1001                | x                    |
| PSY 100            | Introduction to Psychology                                                                         | 3         | PSYC 1001                | x                    |
| CMST 101           | Public Speaking                                                                                    | 3         | COMM 1071                | x                    |
| ENG 102            | Advanced College Writing                                                                           | 3         | ENGL 2089                | x                    |
|                    | <b>Subtotal Secondary Education Credit Hours at NKU</b>                                            | <b>26</b> |                          |                      |
|                    | <b>Subtotal Secondary Education Credit Hours at UC Clermont</b>                                    | <b>30</b> |                          |                      |
|                    | <b>Total Secondary Education Credit Hours</b>                                                      | <b>56</b> |                          |                      |

EDU 104 and EDU 311 are waived if student completes EDST 2099 and provides documentation of 50 hours of field experience in an education setting. If EDU 104 and EDU 311 are waived, student must complete EDU 334: Portfolio Development (1 credit).

**Category 3: NKU Requirements for the BA in Biology**

| NKU Course                                          | Course                                                                                                                                                     | Credits      | UC Clermont Course                                     | Taken at UC Clermont |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------|----------------------|
| BIO 150/150L                                        | Introduction to Biology I with lab                                                                                                                         | 4            | BIOL 1081<br>BIOL 1081L                                | x                    |
| BIO 151/151L                                        | Introduction to Biology II with lab                                                                                                                        | 4            | BIOL 1082<br>BIOL 1082L                                | x                    |
| BIO 155                                             | Orientation to Biology                                                                                                                                     | 1            |                                                        |                      |
| BIOI 291W                                           | Advanced Writing in Biology                                                                                                                                | 3            |                                                        |                      |
| BIO 304/304L                                        | General Ecology with lab                                                                                                                                   | 4            |                                                        |                      |
| BIO 349/349L                                        | Genetics                                                                                                                                                   | 4            |                                                        |                      |
| BIO 458                                             | Evolution of Organisms                                                                                                                                     | 3            |                                                        |                      |
|                                                     | Select one course from cellular/molecular/genetics group (see NKU catalog for choices)                                                                     | 3-4          |                                                        |                      |
|                                                     | Select one course from ecology/evolution/organismal group (see NKU catalog for choices)                                                                    | 3-4          |                                                        |                      |
|                                                     | Complete at least 9 additional credit hours from the CMG, EEO, or general elective groups. Students may take electives from across these different groups. | 9-12         |                                                        |                      |
| BIO 491                                             | Comprehensive Examination                                                                                                                                  | 0            |                                                        |                      |
| CHE 120/120L                                        | General Chemistry I with Lab                                                                                                                               | 4            | CHEM 1040<br>CHEM 1040L                                | x                    |
| CHE 121/121L                                        | General Chemistry II with Lab                                                                                                                              | 4            | CHEM 1041<br>CHEM 1041L                                | x                    |
| CHE 310/310L                                        | Organic Chemistry with Lab I                                                                                                                               | 4            |                                                        |                      |
| PHY 211 and<br>PHY 213 or<br>PHY 220 and<br>PHY 222 | General Physics with Lab I and<br>General Physics with Lab II or<br>University Physics with Lab I and<br>University Physics with Lab II                    | 8-10         | PHYS 1051C<br>PHYS 1052C<br>PHYS 2001/L<br>PHYS 2002/L |                      |
| STA 205                                             | Statistical Methods                                                                                                                                        | 3            | STAT 1035                                              |                      |
|                                                     | Foreign Language (must complete a course at the 1002 or higher level or CLEP or AP exam equivalency)                                                       | 0-6          |                                                        |                      |
|                                                     | <b>Subtotal Major Credit Hours at NKU</b>                                                                                                                  | <b>45-58</b> |                                                        |                      |
|                                                     | <b>Subtotal Major Credit Hours at UC Clermont</b>                                                                                                          | <b>16</b>    |                                                        |                      |
|                                                     | <b>Total Major Credit Hours</b>                                                                                                                            | <b>61-74</b> |                                                        |                      |
|                                                     | <b>Minimum Total Baccalaureate Degree Credit Hours</b>                                                                                                     | <b>132</b>   |                                                        |                      |

Students pursuing a secondary education degree may also choose to concurrently complete a third major in special education. Students who enroll in the special education major are not required to take *EDS 360 Students with Exceptionalities in School* and can replace SPED 1001 with another course at UC Clermont.

Updated August 2025