# transfer pathway guide

# 2019-2020

Associate of Arts in Pre-Secondary Education - Chemistry

at UC Clermont College to

Bachelor of Arts in Chemistry with Secondary Education

at Northern Kentucky University

## Overview

Completion of the following curriculum will satisfy the requirements for the **Associate of Arts in Pre-Secondary Education - Chemistry** degree at UC Clermont College and leads to the **Bachelor of Arts in Chemistry with Secondary Education** degree at Northern Kentucky University.

## 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. The admission requirements for a Bachelor of Arts degree in Secondary Education are below. (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).
* Praxis Core Academic Skills for Educators: Reading (5712) – 156 or higher, Writing (5722) – 162 or higher and Mathematics (5732) – 150 or higher
* 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 Secondary Education must maintain a GPA of 2.75 overall in major courses in order to enroll in the clinical experience.

### UC CLERMONT COLLEGE AA IN PRE-SECONDARY EDUCATION - CHEMISTRY TO

### ­­­­­­­­­­­­­­­NKU BA IN CHEMISTRY WITH SECONDARY EDUCATION CHECKLIST

### UC Clermont College

#### Category 1: Requirements for the AA in Pre-Secondary Education - Chemistry

| **UC Clermont Course** | **Course or Category** | **Credits** | **NKU Course** | **Completed** |
| --- | --- | --- | --- | --- |
| 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 |  |
| EDST2099 | Critical Pedagogy in Education | 3 | Waive  EDU 309 and EDU 104 |  |
| EDST1002 | Educational Psychology | 3 | PSY 300T |  |
| EDST2081 | Cooperative Learning and Differentiation | 3 | Waive  EDS 324 |  |
| EDST2010 | Classroom Management and Learning | 3 | Waive  EDU 319 |  |
| MATH1026 | Pre-calculus | 5 | MAT 119 |  |
| MATH1061 | Calculus I | 4 | MAT 129 |  |
| MATH1062 | Calculus II | 4 | MAT 229 |  |
| CHEM1040 | General Chemistry I | 4 | CHE 120 |  |
| CHEM1040L | General Chemistry Lab I | 1 | CHE 120L |  |
| CHEM1041 | General Chemistry II | 4 | CHE 121 |  |
| CHEM1041L | General Chemistry II Lab | 1 | CHE 121L |  |
|  | **Minimum Total Associate Degree Hours** | **62** |  |  |

### Northern Kentucky University

Students must complete the following courses for a B.A. in Secondary Education. In addition, students must complete the content courses for a B.A. in Chemistry.

#### Category 2: 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 530 | Reading and Writing Across the Curriculum: Middle Grades or  Reading in Junior and Senior High School | 3 |  |  |
| EDU 305 | Introduction to Education | 2 | EDST 1001 | x |
| EDU 311 | Admission Field Experience Secondary | 2 | EDST 2099 | x |
| EDU 313 | Instructional Technology | 2 | CI 1001 | x |
| EDU 316 | Racism and Sexism in Educational Institutions | 3 | CI 3003 | x |
| EDU 319 | Classroom Climate Management Secondary | 1 | EDST 2010  (Substitution) | x |
| EDU 324 | Fundamentals of Secondary Education | 2 |  |  |
| 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 |
|  | **Subtotal NKU Education Courses Credit Hours** | **27** |  |  |

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: Requirements for the BA in Chemistry

| **NKU Course** | **Course** | **Credits** | **UC Clermont Course** | **Taken at UC Clermont** |
| --- | --- | --- | --- | --- |
| CHE 120/201L | General Chemistry I | 4 | CHEM 1040  CHEM 1040L | x |
| CHE 121/121L | General Chemistry II | 4 | CHEM 1041  CHEM 1041L | x |
| CHE 125 | Introduction to Chemistry & Biochemistry | 1 |  |  |
| CHE 310/310L | Organic Chemistry with Lab I | 4 | CHEM 2040  CHEM 2040L |  |
| CHE 311/311L | Organic Chemistry with Lab II | 4 | CHEM 2041  CHEM 2041L |  |
| CHE 340/340L | Analytical Chemistry | 5 |  |  |
| CHE 360 | Physical Chemistry I | 3 |  |  |
| CHE 361 | Physical Chemistry II | 3 |  |  |
| CHE 362L | Physical Chemistry Lab | 2 |  |  |
| CHE 391W | Chemical Information and Writing | 3 |  |  |
| CHE 400 | Chemical Seminar | 1 |  |  |
| CHE XXX | At least three credit hours of 300 level or above CHE course | 3 |  |  |
| MAT 129 and MAT 229 or MAT 128 and MAT 227 and MAT 228 | Calculus I and  Calculus II or  Calculus A and  Calculus B and  Calculus C | 9 | MATH 1061  and  MATH 1062 | x |
| PHY 211 and  PHY 213 or  PHY 220 and  PHY 222 | General Physics with Lab I and  General Physics with Lab II or  University Physics with Lab I and  University Physics with Lab II | 8-10 | PHYS 1051C  PHYS 1052C  PHYS 2001/L  PHYS 2002/L |  |
|  | **Minimum Teaching Discipline Major Credit Hours** | **37** |  |  |
|  | **Minimum Total Baccalaureate Degree Credit Hours** | **126** |  |  |

Updated May 2019 for Fall 2019 Start