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# TWO DEGREES, ONE PATH

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## TRANSFER PATHWAY GUIDE 2023-2024

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 (AA) in Pre-Secondary Education - Chemistry degree at UC Clermont College and leads to the Bachelor of Arts (BA) in Chemistry 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 Chemistry at the secondary level must complete the requirements for the B.A. in Secondary Education along with the requirements for a B.A. in Chemistry. No minor is required for this major.

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

**UC Clermont College**

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

<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	
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	
	<b>Minimum Total Associate Degree Hours</b>	<b>63</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 Chemistry.

### 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 Chemistry**

<b>NKU Course</b>	<b>Course</b>	<b>Credits</b>	<b>UC Clermont Course</b>	<b>Taken at UC Clermont</b>
CHE 120/120L	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	
	<b>Subtotal Major Credit Hours at NKU</b>	<b>37-39</b>		
	<b>Subtotal Major Credit Hours at UC Clermont</b>	<b>17</b>		
	<b>Total Major Credit Hours</b>	<b>54-56</b>		
	<b>Minimum Total Baccalaureate Degree Credit Hours</b>	<b>126</b>		

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