

## Articulation Agreement

### 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

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 requirement for UC Clermont:**

1) completion of minimum 60 credit hours, 2) minimum cumulative GPA 2.0, 3) minimum of 15 credit hours earned at the institution awarding the degree

#### **Admission Requirements for a Bachelor of Arts in Secondary 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).
- 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
- A completed application to the Teacher Education program

#### **Degree requirements for a Bachelor of Arts in Secondary Education:**

Students majoring in Secondary Education must maintain a GPA of 2.75 overall in major courses in order to enroll in the clinical experience. Students must earn a minimum of 120 credit hours and at least 45 credit hours must be 300 level or above. Students must meet the pre-requisites for each course. At least 20 percent of the total required hours must be taken at NKU.

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

**UC Clermont College**

<b>Category I: Requirements for the AA in Pre-Secondary Education - Chemistry</b>				
<b>UC Clermont Course</b>	<b>Course or Category</b>	<b>Credits</b>	<b>NKU Course</b>	
CI 1001	Educational Technology	3	EDU 313	
CI 3003	Teaching and Learning in Diverse Classrooms	3	EDU 316	
COMM 1071	Introduction to Effective Speaking	3	CMST 101	
EDST 1001	Introduction to Education	3	EDU 305	
EDST 2003	Pre-Adolescent through Adolescent Development	3	EDU 300	
ENGL 1001	English Composition	3	ENG 101	
ENGL 2089	Intermediate Composition	3	ENG 102	
PSYC 1001	Introduction to Psychology	3	PSY 100	
SPED 1001	Individuals with Exceptionalities	3	EDS 360	
EDST 2099	Critical Pedagogy in Education	3	Waive EDU 309 and EDU 104	
EDST 1002	Educational Psychology	3	PSY 300T	
EDST 2081	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>62</b>		

## 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 II: 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
<b>Subtotal NKU Education Courses Credit Hours</b>		<b>27</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 III: 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	
<b>Minimum Teaching Discipline Major Credit Hours</b>			<b>37</b>	
<b>Minimum Total Baccalaureate Degree Credit Hours</b>			<b>126</b>	