

Articulation Agreement

Associate of Arts in Pre-Secondary Education – Mathematics at UC Clermont College to Bachelor of Science in Mathematics 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 – Mathematics** degree at UC Clermont College and leads to the **Bachelor of Science in Mathematics 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 – MATHEMATICS TO NKU BS IN MATHEMATICS WITH SECONDARY EDUCATION CHECKLIST

UC Clermont College

Category I: Requirements for the AA in Pre-Secondary Education – Mathematics				
UC Clermont Course	Course or Category	Credits	NKU Course	✓
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 2081	Cooperative Learning and Differentiation	3	Waive EDS 324	
EDST 2099	Critical Pedagogy in Education	3	Waive EDU 311 and EDU 104	
EDST 1002	Educational Psychology	3	PSY 300T	
EDST2010	Classroom Management and Learning	3	Waive EDS 319	
Natural Science Elective	Students may select a Natural Science elective course.	3		
MATH1061	Calculus I	4	MAT 129	
MATH1062	Calculus II	4	MAT 229	
MATH2076	Linear Algebra	3	MAT 234	
MATH2063	Multivariable Calculus	4	MAT 329	
MATH2073	Differential Equations	3	MAT 325	
Total Associate Degree Hours		60		

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.S. in Mathematics.

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 333	Teaching Math 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 III: Requirements for the BS in Mathematics				
NKU Course	Course	Credits	UC Clermont Course	Taken at UC Clermont
MAT 129	Calculus I	4	MATH 1061	x
MAT 229	Calculus II	5	MATH 1062	x
MAT 329	Calculus III	4	MATH 2063	x
MAT 194	Mathematical Sciences Seminar	1		
MAT 234	Linear Algebra	3	MATH 2076	x
STA 250	Probability and Statistics	3	STAT 2037	
MAT 489	Comprehensive Examination	0		
CSC 270 or CSC 260	Mathematics Software Programming or Object-Oriented Programming	3		
MAT 302	Introduction to Higher Mathematics	3	MATH 3001	
MAT 345	Introduction to Geometry	3		
MAT 310 or MAT 410	Elementary Theory of Numbers or Abstract Algebra	3		
STA 341	Statistics II	3		
Select one of the following sets of courses and 3 additional MAT/STA credit hours at the 300-level or above. If one of these courses duplicates a course taken listed above, then an additional MAT/STA course at the 300/400 level is required.				
MAT 310 and MAT 410	Elementary Theory of Numbers Abstract Algebra	9		
MAT 325 and MAT 375	Differential Equations Applied Mathematical Models		MATH 2073	x (3 cr)
STA 340 and STA 341	Probability II Statistics II			
	Two 400-level MAT/STA courses, excluding MAT 490/STA 490 and MAT 491/STA 491			
Teaching Discipline Major Credit Hours		25		
Electives		8		
Total Baccalaureate Degree Credit Hours		120		

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