TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE
2023-2024

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

Overview

Completion of the following curriculum will satisfy the requirements for the Associate of Arts (AA) in Pre-Secondary Education – Mathematics degree at UC Clermont College and leads to the Bachelor of Science (BS) in Mathematics 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 mathematics at the secondary level must complete the requirements for the B.A. in Secondary Education along with the requirements for a B.S. in Mathematics. No minor is required for this major.

UC CLERMONT COLLEGE AA IN PRE-SECONDARY EDUCATION – MATHEMATICS TO NKU BS IN MATHEMATICS WITH SECONDARY EDUCATION CHECKLIST

UC Clermont College

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

UC Clermont Course	Course or Category	Credits	NKU Course	Completed
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	
EDST2081	Cooperative Learning and Differentiation	3	Waive EDS 324	
EDST2099	Critical Pedagogy in Education	3	Waive EDU 311 and EDU 104	
EDST1002	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	**61**		

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 BS in Mathematics.

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	2	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 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 Secondary Education Credit Hours at NKU	**26**		
	Subtotal Secondary Education Credit Hours at UC Clermont	**29**		
	Total Secondary Education Credit Hours	**55**		

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 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 234	Linear Algebra	3	MATH 2076	x
MAT 302	Introduction to Higher Mathematics	3	MATH 3001	
MAT 345	Introduction to Higher Geometry	3		
MAT 489	Comprehensive Examination	0		
CSC 270 or CSC 260	Mathematics Software Programming or Object-Oriented Programming	3		
STA 250	Probability and Statistics	3	STAT 2037	
STA 341	Statistics II	3		
Select 2: MAT 310 MAT 410 MAT 415	Select two courses from the following: Elementary Theory of Numbers Group Theory Rings and Fields	6		
Select 1: MAT 360 MAT 420 MAT 430	Select one course from the following: Numerical Analysis Real Variables I Complex Variables	3		
MAT XXX	Select three additional hours of MAT or STA electives at the 300 level or above	3	MATH 2073 (equates to MAT 325)	x
	Subtotal Major Credit Hours at NKU	**24**		
	Subtotal Major Credit Hours at UC Clermont	**19**		
	Total Major Credit Hours	**43**		
	Elective Credit Hours	**9**		
	Total Baccalaureate Degree Credit Hours	**120**		

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