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# TWO DEGREES, ONE PATH

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## TRANSFER PATHWAY GUIDE 2023-2024

Associate of Science in Pre-Middle Childhood Education-Mathematics and Natural Sciences at UC Clermont College to  
Bachelor of Arts in Middle Grades Education – Mathematics and Science at Northern Kentucky University

### **Overview**

Completion of the following curriculum will satisfy the requirements for the Associate of Science (AS) in Pre-Middle Childhood Education-Mathematics and Natural Sciences degree at UC Clermont College and leads to the Bachelor of Arts (BA) in Middle Grades Education – Mathematics and Science 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 Middle Grades 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. No minor is required for this major.

**UC CLERMONT COLLEGE AS IN PRE-MIDDLE CHILDHOOD EDUCATION MATHEMATICS AND  
NATURAL SCIENCES TO NKU BA IN MIDDLE GRADES EDUCATION – MATHEMATICS AND  
SCIENCE CHECKLIST**

**Category 1: UC Clermont Requirements for the AS in Pre-Middle Childhood Education**

<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	
<b>Education Courses</b>				
CI1001	Educational Technology	3	EDU 313	
SPED1001	Individuals with Exceptionalities	3	EDS 360	
EDST1001	Introduction to Education	3	EDU 305	
EDST1002	Educational Psychology	3	PSY 300T	
EDST2003	Pre-Adolescent through Adolescent Development	3	EDU 300	
EDST2099	Critical Pedagogy in Education	3	Waive EDU 309 and EDU 104	
EDST2010	Classroom Management and Learning	3	Waive EDU 318	
EDST2081	Cooperative Learning and Differentiation	3	Waive EDS 323	
CI3003	Teaching and Learning in Diverse Classrooms	3	EDU 316	
<b>Mathematics Courses</b>				
MATH1021	College Algebra	3	(MAT 102 or MAT 103) + MAT 100T	
MATH1026	Pre-Calculus	5	MAT 119	
MATH1044	Applied Calculus I	3	MAT 112	
<b>Natural Science Courses</b>				
BIOL1021	How Life Works: Introductory Biology I	3	BIO 120	
BIOL1021L	Introductory Biology I Lab	1	BIO 120L	
BIOL1081	Biology I	3	BIO 150	
BIOL1081L	Biology I Lab	1	BIO 150L	
<b>General Education Courses</b>				
ENGL1001	English Composition	3	ENG 101	
ENGL2089	Intermediate Composition	3	ENG 102	
PSYC1001	Introduction to Psychology	3	PSY 100	
COMM1071	Introduction to Effective Communication	3	CMST 101	
HIST1002	United States History II	3	HIS 103	

UC Clermont Course	Course or Category	Credits	NKU Course	Completed
	<b>Total Associate Degree Hours</b>	<b>62</b>		

Grade of A or B in MATH 1021 equates to MAT 103 + MAT 100T. Grade of C or D in MATH 1021 equates to MAT 102 + MAT 100T.

### Northern Kentucky University

Students must complete the following courses for a BA in Middle Grades Education with certifications to teach mathematics and Science.

#### Category 2: NKU Requirements for the BA in Middle Grades Education – Mathematics and Science

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	ESDT 2003	x
EDU 304	Reading and Writing Across the Curriculum: Middle Grades	3		
EDU 305	Introduction to Education	2	EDST 1001	x
EDU 309	Admission Field Experience Middle Grades	2	EDST 2099	x
EDU 313	Instructional Technology	3	CI 1001	x
EDU 316	Education in a Multicultural Society	3	CI 3003	x
EDU 318	Classroom Climate Management: Middle School	2	EDST 2010 (Substitution)	x
EDU 334	Portfolio Development	1		
EDU 343	Educational Assessment Middle Schools	2		
EDU 344	Fundamentals of Middle Grades Education	2		
EDU 391	Middle Grades Field Experience I	2		
EDU 394	Middle Grades Field Experience II	2		
EDU 495	Clinical Experience Middle Grades	12		
EDS 323	Instructional Planning for Inclusive Middle Level 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
EDU 346	Teaching Science in Middle Grades	3		
EDU 347	Teaching Math in Middle Grades	3		
MAT 110	Introduction to Probability	3		
MAT 112	Applied Calculus	3	MATH 1044	x
MAT 116	Arithmetic Structures for Middle Grades Teachers	3		
MAT 117	Algebra for Middle Grades Teachers	3		
MAT 141	Geometry I for K-8 Teachers	3		
MAT 240	Geometry II for K-8 Teachers	3		

NKU Course	Course	Credits	UC Clermont Course	Taken at UC Clermont
STA 204	Statistics for Middle Grades Teachers	3		
Select 1: MAT 114 MAT 119 MAT 128 MAT 129 MAT 185 MAT 227	Select one course: Finite Mathematics Pre-Calculus Mathematics Calculus A Calculus I Introductory Discrete Mathematics Calculus B	3-4	MATH 1022 MATH 1026 MATH 1060 MATH 1061 MATH 1071	x
BIO 120 BIO 120L	Understanding the Living World with Lab	4	BIOL 1021 BIOL 1021L	x
CHE 112/112L	Chemistry and Society with Lab	4		
PHY 110	Introduction to Physics with Lab	4		
AST 110	Solar System Astronomy with Lab	4		
GLY 110	The Face of the Earth with Lab	4		
Select 1: BIO 150/150L BIO 151/151L BIO 208/208L BIO 123 BIO 121/121L SCI 110 PHY 211 PHY 213 GLY 120/120L GLY 115 AST 115	Select one course: Introduction to Biology I with Lab Introduction to Biology II with Lab Human Anatomy and Physiology I with Lab Human Ecology Diseases and the Systems They Affect Integrative Science General Physics I with Lab General Physics II with Lab This Dangerous Earth with Lab History of the Earth Stars, Galaxies, and Cosmology with Lab	3-5	BIOL 1081/L BIOL 1082/L BIOL 2001C  PHYS 1051/L PHYS 1052/L GEOL 1003/L	x
	<b>Subtotal Major Credit Hours Taken at NKU</b>	<b>64</b>		
	<b>Subtotal Major Credit Hours Taken at UC Clermont</b>	<b>45</b>		
	<b>Total Credit Hours Required for the Major</b>	<b>109</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>126</b>		

EDU 104 and EDU 309 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 309 are waived, student must complete EDU 334: Portfolio Development (1 credit).

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