



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2024-2025

Associate in Science to Bachelor of Arts in Middle Grade Education –
Mathematics and Science Tracks

Overview

Completion of the following curriculum will satisfy the requirements for the Associate in Science (AS) degree at Gateway Community and Technical College (GCTC) and leads to the Bachelor of Arts (BA) in Middle Grades Education – Mathematics and Science Tracks degree at Northern Kentucky University (NKU).

Applying to the Gateway2NKU Program

Students can apply to participate in the pathway program by completing the online application on the NKU transfer webpage. Students must be enrolled in at least six credit hours at Gateway CTC, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at Gateway CTC.

Degree Requirements for GCTC

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, 4) cultural competence course, 5) demonstration of digital literacy, 6) college success requirement.

Admission Requirements to 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 GCTC course equivalencies.

- A minimum overall GPA of 2.75
- A minimum grade of “B” in CMST 101 (COM 181) and ENG 102 (ENG 102)
- A minimum grade of “C” in all other pre-admission courses and required EDU and EDS courses which include EDU 300 (EDP 202), EDU 305 (EDU 201), EDU 313 (EDU 204), and EDS 360 (EDP 203).
- 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
- A completed application to the Teacher Education program

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.

General Transfer Information

Students must complete the online application to NKU. There is no application fee for students who are transferring from GCTC.

KCTCS Scholars Award: Students who are KY residents transferring directly from a KCTCS institution with at least 36 hours from that institution and minimum GPA of 3.0, were never enrolled as a degree-seeking student at NKU, and will be enrolled in at least 12 credit hours both fall and spring semester are eligible for a limited number of \$2,500 annual scholarships (\$1,250 per fall and spring). Students must gain admission to NKU by June 15 for fall and November 1 for spring to be eligible for a possible scholarship. Online accelerated programs are not eligible for the KCTCS Scholars Award.

**GCTC AS TO NKU BA IN MIDDLE GRADES EDUCATION
(MATHEMATICS & SCIENCE TRACKS) CHECKLIST**

Gateway Community and Technical College

Category 1: GCTC General Education Core Requirements

GCTC Course	Course or Category	Credits	NKU Course	Completed
ENG 101	Writing I (WC)	3	ENG 101	
ENG 102	Writing II (WC)	3	ENG 102	
COM 181	Basic Public Speaking (OC)	3	CMST 101	
TBS XXX	Arts & Humanities (AH) Humanities	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) Heritage	3	TBD XXX	
MAT 150	College Algebra	3	(MAT 102 or MAT 103) + MAT 100T	
MAT 206	Mathematics for Elementary and Middle School Teachers II	3	MAT 141	
PSY 110	General Psychology (SB)	3	PSY 100	
TBS XXX	Social & Behavioral Sciences (SB) – not PSY	3	TBD XXX	
BIO 112/113	Introduction to Biology and Introduction to Biology Laboratory	4	BIO 120/120L	
CHE 120/125	Chemistry in Society with Lab	4	CHE 112/112L	
	Subtotal General Education Core Courses	35		

TBS XXX means to be selected by GCTC student.

TBD XXX means to be determined by NKU based on course selected.

For Social and Behavioral Sciences courses, two disciplines must be represented and different from those in the Arts and Humanities category.

A grade of A or B in MAT 150 equates to MAT 103 + MAT 100T at NKU. A grade of C or D in MAT 150 equates to MAT 102 + MAT 100T.

Category 2: GCTC AS Requirements

GCTC Course	Course or Category	Credits	NKU Course	Completed
GLY 101/111	Physical Geology and Physical Geology Laboratory	4	GLY 110	
	Subtotal AS Requirement Courses	4		

Category 3: GCTC Electives

GCTC Course	Course or Category	Credits	NKU Course	Completed
FYE 105	Achieving Academic Success	3	UNV 100T	
EDP 202	Human Development and Learning	3	EDU 300	

GCTC Course	Course or Category	Credits	NKU Course	Completed
EDP 203	Teaching Exceptional Learners in Regular Classroom	3	EDS 360	
EDU 201	Introduction to American Education	3	EDU 305	
EDU 204	Technology in the Classroom	3	EDU 313	
TBS XXX	Track electives - choose 2 courses from Math or Science tracks below	6	TBD XXX	
	Subtotal Elective Courses	21		
	Total Associate Degree Hours	60		

Degree Requirement: One course must be selected from the KCTCS identified Cultural Competence course list in the KCTCS catalog.

Northern Kentucky University

Category 4: NKU Major Requirements for BA in Middle Grades Education (Mathematics and Science Tracks)

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
EDU 104	Orientation: Education Profession/Program	Waived		
EDU 300	Human Growth and Development	3	EDP 202	x
EDU 304	Reading and Writing Across the Curriculum: Middle Grades	3		
EDU 305	Introduction to Education	2	EDU 201	x
EDU 309	Admission Field Experience Middle Grades	2		
EDU 313	Instructional Technology	3	EDU 204	x
EDU 316	Education in a Multicultural Society	3		
EDU 318	Classroom Climate Management: Middle School	2		
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		
EDS 360	Students with Exceptionalities in Schools	3	EDP 203	x
PSY 100	Introduction to Psychology	3	PSY 110	x
CMST 101	Public Speaking	3	COM 181	x
ENG 102	Advanced College Writing	3	ENG 102	x
EDU 346 EDU 347	Methods courses: Teaching Science in Middle Grades Teaching Math in Middle Grades	6		
	Mathematics Track			
MAT 110	Introduction to Probability	3		
MAT 112	Applied Calculus	3	MAT 170	Option

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
MAT 116	Arithmetic Structures for Middle Grade Teachers	3		
MAT 117	Algebra for Middle Grades Teachers	3		
MAT 141	Geometry I for K-8 Teachers	3	MAT 206	x
MAT 240	Geometry II for K-8 Teachers	3		
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 from the following: Finite Mathematics Pre-Calculus Mathematics Calculus A Calculus I Introductory Discrete Mathematics Calculus B	3-4	MAT 165 or MAT 171 or MAT 175	Option
Science Track				
BIO 120/120L	Understanding the Living World	4	BIO 112/113	x
CHE 112 and CHE 112L	Chemistry and Society Discovering Chemistry Laboratory	4	CHE 120/125	x
PHY 110	Introduction to Physics with Laboratory	4	PHY 151 + PHY 161 or PHY 171	Option
AST 110	Solar System Astronomy with Laboratory	4	AST 191 + AST 195	Option
GLY 110	The Face of the Earth with Laboratory	4	GLY 101/111	X
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 from the following: 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 with Lab I General Physics with Lab II This Dangerous Earth History of the Earth Stars, Galaxies, and Cosmology with Laboratory	3-5	BIO 114/115 BIO 116/117 BIO 137 BIO 120 BIO 135 PHY 201/202 GLY 110/114	Option
Subtotal Major Credit Hours at NKU		65-68		
Subtotal Major Credit Hours at GCTC		41-43		
Total Major Credit Hours		106-111		
Total Baccalaureate Degree Credit Hours		125-128		

EDU 309 is waived if student provides documentation of 50 hours of field experience in an education setting. If EDU 309 is waived, student must complete EDU 334: Portfolio Development (1 credit).

Updated April 2024