



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2025-2026

Associate in Science to Bachelor of Arts in Biological Sciences with Secondary Education

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 Biological Sciences with Secondary Education 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. Demonstration of digital literacy
5. 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 the Teacher Education Program. Courses in parentheses are GCTC course equivalencies.

- 45 earned credit hours
 - EDU 104 with a grade of C or higher
 - PSY 100 (PSY 110)
 - CMST 101 (COM 181) with a grade of B or higher
 - ENG 102 (ENG 102) with a grade of B or higher
 - EDU 300 (EDP 202) with a grade of C or higher
 - EDU 305 (EDU 201) with a grade of C or higher

- EDU 316 with a grade of C or higher
- 2.75 or higher overall GPA (all transfer & NKU coursework combined) - OR - 3.00 or higher GPA in your last 30 attempted credit hours
- 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*
 - ACT Comp. 22 -OR-
 - Reading (ACT: 20 -or- Praxis I: 150) and
 - Eng./Writing (ACT: 18 -or- Praxis I: 158) and
 - Mathematics (ACT: 19 -or- Praxis I: 144)
- Successful completion of a recent FBI criminal background check
- Completed Teacher Education Admission Application

*Minimum Praxis score is five (5) points lower for each subject exam if your overall GPA is 3.00 or higher.

*Passing ACT scores must be less than ten (10) years old at the date of admission to the teacher education program. Your date of admission occurs at the end of a successful admission semester, not at the beginning.

For the fall Admission Semester, the deadline to meet the above requirements must have them on file with the COE is August 1

For the spring Admission Semester, the deadline to meet the above requirements must have them on file with the COE is December 1

Registration for EDS 360, EDU 313 and Admission Field Experience (EDU 303, 307, 309, 311 or 334) may only be completed after all above requirements are met. Seats in the admission courses are limited. Therefore, to ensure the best course selection get your requirements completed early! Work with your COE advisor to ensure proper enrollment.

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 Biology at the secondary level must complete the requirements for the B.A. in Secondary Education along with the requirements for a B.A. in Biological Sciences. 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 annual scholarships (fall and spring only). 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.

Tuition and scholarship information specific to transfer students can be viewed on the [NKU Adult & Transfer Center website](#).

GCTC AS TO NKU BA IN BIOLOGICAL SCIENCES WITH SECONDARY EDUCATION 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	
Taken at NKU	Advanced Writing in Biology (WC)	3	BIO 291W	
COM 181	Basic Public Speaking (OC)	3	CMST 101	
TBS XXX	Arts and Humanities (AH) Heritage	3	TBD XXX	
TBS XXX	Arts and Humanities (AH) Humanities	3	TBD XXX	
PSY 110	General Psychology (SB)	3	PSY 100	
TBS XXX	Social & Behavioral Sciences Course (SB)	3	TBD XXX	
BIO 114/115	Biology I and Biology Laboratory I (SL)	4	BIO 150/150L	
BIO 116/117	Biology II and Biology Laboratory II (SL)	4	BIO 151/151L	
MAT 150	College Algebra (QR)	3	(MAT 102 or MAT 103) + MAT 100T	
STA 220	Statistics (QR)	3	STA 205	
	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
CHE 170/175*	General College Chemistry I and General College Chemistry Laboratory I	5	CHE 120/120L	
CHE 180/185*	General College Chemistry II and General College Chemistry Laboratory II	5	CHE 121/121L	
	Subtotal AS Requirement Courses	10		

*Labs must be taken in person.

Category 3: GCTC Electives

GCTC Course	Course or Category	Credits	NKU Course	Completed
FYE 105 or FYE 110	Achieving Academic Success or First Year Experience and Applications	3	UNV 100T	

GCTC Course	Course or Category	Credits	NKU Course	Completed
EDU 201	Introduction to American Education	3	EDU 305	
EDU 204	Technology in the Classroom	3	EDU 313	
EDP 202	Human Development and Learning	3	EDU 300	
EDP 203	Teaching Exceptional Learners in Regular Classrooms	3	EDS 360	
	Subtotal Elective Courses	15		
	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 Biological Sciences with Secondary Education

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
EDU 104	Orientation: Education Profession/Program	1		
EDU 300	Human Growth and Development	3	EDP 202	x
EDU 304 or EDU 530	Reading and Writing Across the Curriculum: Middle Grades or Reading in Middle and Secondary Schools	3		
EDU 305	Introduction to Education	2	EDU 201	x
EDU 311	Admission Field Experience Secondary	2		
EDU 313	Instructional Technology	3	EDU 204	x
EDU 319	Classroom Climate Management Secondary	1		
EDU 324	Fundamentals of Secondary Education	1		
EDU 325	Educational Assessment Secondary	2		
	Select the methods course for chosen teaching field (3-6 credits)	3-6		
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		
EDS 360	Students with Exceptionalities in School	3	EDP 203	x
PSY 100	Introduction to Psychology	3	PSY 110	x
CMST 101	Public Speaking	3	COM 181	x
BIO 150/150L	Introduction to Biology I and Laboratory	4	BIO 114/115	x
BIO 151/151L	Introduction to Biology II and Laboratory	4	BIO 116/117	x
BIO 155	Orientation to Biology	1		
BIO 291W	Advanced Writing in Biology	3	Taken at NKU	x
BIO 304/304L	General Ecology and Laboratory	4		
BIO 349/349L	Genetics and Laboratory	4		
BIO 458	Evolution of Organisms	3		
BIO 491	Comprehensive Examination	0		
CHE 120/120L	General Chemistry I and Laboratory	4	CHE 170/175	x
CHE 121/121L	General Chemistry II and Laboratory	4	CHE 180/185	x

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
PHY 211/213 or PHY 220/222	General Physics with Laboratory I and II or University Physics with Laboratory I and II	8-10	PHY 201/202 and PHY 203/204	
STA 205	Statistical Methods	3	STA 220	x
TBS XXX	Foreign language at the 102 or higher level. Can be met by a two-course sequence, CLEP or AP exam equivalency.	0-6		
TBS XXX	Select one course from the cellular/molecular/genetics group (see NKU catalog for choices)	3-4		
TBS XXX	Select one course from the ecology/evolution/organismal group (see NKU catalog for choices)	3-4		
TBS XXX	Complete at least 9 additional credit hours from the CMG, EEO, or general elective groups. Students may take electives from across these different groups.	9-12		
CHE 310/310L	Organic Chemistry I	4	CHE 270/275	
	Subtotal Major Credit Hours at NKU	67-81		
	Subtotal Credit Hours at GCTC	61		
	Total Major Credit Hours	113-126		
	Total Baccalaureate Degree Credit Hours	128-142		

Students pursuing a secondary education degree may also choose to concurrently complete a third major in special education. Students who enroll in the special education major are not required to take *EDS 360 Students with Exceptionalities in School* and can replace EDP 203 with another course at Gateway.

Updated January 2026