



# TRANSFER PATHWAY GUIDE

## 2023-2024

### Associate of Science to Bachelor of Science in Biological Sciences

#### Overview

Completion of the following curriculum will satisfy the requirements for the Associate of Science (AS) degree at Cincinnati State and lead to the Bachelor of Science (BS) in Biological Sciences degree at Northern Kentucky University (NKU).

#### Applying to the CState2NKU 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 Cincinnati State, enrolling in an associate degree program, plan to transfer, and maintain a minimum 2.0 cumulative GPA at Cincinnati State.

#### Degree Requirements for Cincinnati State

1) Completion of minimum 62 credit hours, 36 of which from Ohio Transfer courses, 2) minimum cumulative GPA 2.0, 3) completion of an FYE course as part of the first 12 credit hours taken at Cincinnati State, and 4) completion of Cooperative Education.

#### Admission Requirements for NKU

Students completing an associate degree with a cumulative GPA of 2.0 or higher will be accepted into NKU.

#### 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 at NKU. Students must have an overall GPA of 2.0 and meet all prerequisites for courses and requirements for the major.

Students pursuing a degree in the biological sciences may do so by choosing one of four tracks. These tracks allow the individual student to place an emphasis on areas of biology that they find of



CINCINNATI STATE TO NKU BS IN BIOLOGICAL SCIENCES LIST

Cincinnati State

Category 1: Ohio Transfer 36 Requirements

CState Course	Course or Category	Credits	NKU Course	Completed
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CState Course	Course or Category	Credits	NKU Course	Completed
CHE 122/13	General Chemistry 2 with Lab	5	CHE 121/121I	



BIO 400/400 or BIO 436	Advanced Molecular Biology with Lab or Advanced Biology of the Cell	3-4		
TBS XXX TBS XXX	Select two courses from the cellular/mo genetics group (see NKU catalog pages)	6-8		
CHE 310/310	Organic Chemistry with Lab	4		
CHE 311/311	Organic Chemistry with Lab	4		
CHE 482	Biochemistry I	3		
CHE 483	Biochemistry II	3		
MAT 112 or MAT 128 or MAT 129	Applied Calculus or Calculus A or Calculus I	3-4		

CHE 311/311	Organic Chemistry with Lab	4		
CHE 340/340	Analytical Chemistry with Lab	5		
CHE 482/482	Biochemistry I with Lab	4		
JUS 101	Introduction to Criminal Justice	3	CRJ 105	
JUS 204	Criminal Investigation	3	CRJ 130	
MAT 129	Calculus I	4	MAT 251	May be completed
	Subtotal Forensic Science Track Additional Credit Hours	41-47		

### Category 9: NKU Pharmaceutical Sciences Track

Pharmacy schools do not require students to complete degree prerequisites to admission. The pharmaceutical sciences track is designed to enable students interested in applying to pharmacy school early (generally after their third year) to complete a bachelors degree by transferring coursework from pharmacy school back to satisfy the remaining requirements for graduation. Due to the fact that pharmacy schools have a varied list of prerequisites and due to the complexity of the pharmaceutical sciences track, students need to work closely with their NKU academic advisor for successful access. Should a student decide not to attend pharmacy school, they can complete the requirements for the cellular/molecular/genetics track during their last year.

In order to complete the requirements for graduation, you will need to complete 36 credits of approved coursework in a pharmacy school which has a pathway agreement with NKU. Due to curriculum differences between pharmacy school and the fact that schools can change their curriculum, you will need to work closely with your advisor to determine what courses you need to complete as outlined in the pathway designed with your pharmacy school. These credits include: 3 credits for