



## TWO DEGREES, ONE PATH

### TRANSFER PATHWAY GUIDE 2024-2025

Associate of Arts to Bachelor of Science in Data Analytics & Statistics

#### **Overview**

Completion of the following curriculum will satisfy the requirements for the Associate of Arts (AA) degree at Cincinnati State (CState) and leads to the Bachelor of Science (BS) in Data Analytics & Statistics 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, enrolled in an associate degree program, plan to transfer to NKU, 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 approved Ohio Transfer 36 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 completed at NKU. Students must have an overall GPA of 2.0 and meet all prerequisites for courses and requirements for the major.

#### **Advising Note**

Students in the CState2NKU program should work closely with their advisors when choosing

courses. This document serves as a guide but does not replace academic advising. When choosing Cincinnati State courses, student may also consult the Associate of Arts advising brochure or the catalog for A and B list courses in Arts and Humanities or Social and Behavioral Sciences. Some courses in this document may have prerequisites that are not reflected in the grid. Students should work with their advisor to ensure that prerequisites are met.

## CINCINNATI STATE AA TO NKU BS IN DATA ANALYTICS & STATISTICS CHECKLIST

### Cincinnati State

#### Category 1: Ohio Transfer 36 Requirements

CState Course	Course or Category	Credits	NKU Course	Completed
ENG 101	English Composition 1	3	ENG 101	
ENG 102 or ENG 103 or ENG 104 or ENG 105	English Composition 2: Contemporary Issues English Composition 2: Writing about Literature English Composition 2: Technical Communication English Composition 2: Business Communication	3	ENG 102 or (GWR 200G)	
COMM 110	Public Speaking	3	CMST 101	
TBS XXX	Arts/Humanities List A Elective	3	TBD XXX	
TBS XXX	Arts/Humanities List B Elective	3	TBD XXX	
TBS XXX	Social/Behavioral Science List A Elective	3	TBD XXX	
TBS XXX	Social/Behavioral Science List B Elective	3	TBD XXX	
MAT 251	Calculus I	5	MAT 129 + MAT 100T	
MAT 252	Calculus 2	5	MAT 229	
TBS XXX	Natural/Physical Science Elective 1	3	TBD XXX	
TBS XXX	Natural/Physical Science Elective 2	3	TBD XXX	
TBS XXX	Ohio Transfer 36 Elective	3		
	<b>Subtotal General Education Core</b>	<b>40</b>		

TBS XXX means to be selected by Cincinnati student.

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

#### Category 2: CState Degree Requirements for the AA and NKU Recommendations

CState Course	Course or Category	Credits	NKU Course	Completed
FYE 1XX	First Year Experience Elective	1	UNV 100T	
HUM 190	Career Exploration Seminar: AA/AS	2	CEP 101	
HUM XXX	Co-op/Internship Elective 1 and Elective 2	2	CEP 300	
TBS XXX	Directed Electives Suggest: IT 111 Database Design and SQL 1 MAT 253 Calculus 3	17	TBD XXX INF 282 MAT 329	
	<b>Total Associate Degree Credit Hours</b>	<b>62</b>		

## Northern Kentucky University

### Category 3: NKU Major Requirements for the BS in Data Analytics & Statistics

NKU Course	Course	Credits	CState Course	Taken at CState
MAT 129	Calculus I - QR	4	MAT 251	x
MAT 229	Calculus II	5	MAT 252	x
STA 250	Probability and Statistics I	3		
STA 305	Intermediate Statistical Methods	3		
STA 314	Design and Analysis of Experiments	3		
STA 316	Regression Analysis	3		
STA 341	Statistics II	3		
STA 360	Statistical Computing	3		
STA 393	Career Explorations in Statistics	1		
STA 489	Comprehensive Examination	0		
Select 1: STA 327 STA 340 STA 365	Select one course from the following: Categorical Data Analysis Probability II Statistics with Simulation & Resampling	3		
Select 1: INF 282 CSC 325	Select one course from the following: Introduction to Databases Introduction to Machine Learning	3	IT 111	Option
TBS XXX	Select 6 additional hours of STA electives at the 300-level or above.	6		
TBS XXX	Select 6 additional hours of MAT or STA electives at the 300-level or above. May include CSC 325, DSC 311 and MAT 234.	6	MAT 253	Option
	<b>Subtotal Major Credit Hours at NKU</b>	<b>31-37</b>		
	<b>Subtotal Major Credit Hours at CState</b>	<b>9-15</b>		
	<b>Total Major Credit Hours</b>	<b>46</b>		

### Category 4: Additional Requirements at NKU

Category	Credits		
<b>Subtotal Minor/Focus Hours</b>	<b>12-24</b>		
<b>Subtotal Elective Credit Hours</b>	<b>0-15</b>		
<b>Minimum Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

Updated April 2024