TRANSFER PATHWAY GUIDE
2025-2026

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

Overview
Completion of the following curriculum will satisfy the requirements for the Associate in Science (AS) at Gateway Community and Technical College (GCTC) and leads to the Bachelor of Science (BS) in Data Analytics 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.

Degree Requirements for NKU
To earn a bachelor's degree at NKU, students must
1. Complete a minimum of 120 credit hours
2. Complete at least 25% of the credit hours required at NKU
3. Complete the last 30 credit hours at NKU
4. Complete at least 45 credit hours numbered 300 or above
5. Minimum 2.0 cumulative GPA across all major coursework

6. Meet all requirements for the major
7. Completion of a minor, focus, or second major (if required by major)

In addition,
- A grade below a C- is not applicable to the major.
- At least 9 credit hours toward the major must be completed at NKU.
- A student majoring in statistics seeking a focus in mathematics must complete four additional 300- or 400-level MAT courses not used to satisfy the statistics major.

Any substitutions in these programs must be made in consultation with the chair of the department.

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 BS IN DATA ANALYTICS & STATISTICS 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	
TBS XXX	Oral Communication (OC)	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) Heritage	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) Humanities	3	TBD XXX	
TBS XXX	Social & Behavioral Science (SB)	3	TBD XXX	
TBS XXX	Social & Behavioral Science (SB)	3	TBD XXX	
MAT 171	Pre-calculus I (QR)	5	MAT 103 + MAT 119	
TBS XXX	Natural Science (NS)	3	TBD XXX	
TBS XXX	Natural Science with lab (SL)	4	TBD XXX	
	Subtotal General Education Core Courses	**38**		

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.

Category 2: GCTC AS Requirements

GCTC Course	Course or Category	Credits	NKU Course	Completed
MAT 185	Calculus II (QR)	4	MAT 329	
	Subtotal AS Requirement Courses	**4**		

Category 3: GCTC Electives

GCTC Course	Course or Category	Credits	NKU Course	Completed
CIT 105	Introduction to Computers	3	INF 101	
FYE 105 or FYE 110	Achieving Academic Success or First Year Experience and Applications	3	UNV 100T	
Taken at NKU	Probability and Statistics	3	STA 250	
Taken at NKU	Intermediate Statistical Methods	3	STA 305	
Taken at NKU	Statistics II	3	STA 341	
CIT 170	Database Design Fundamentals	3	INF 282	
	Subtotal Elective Courses	**18**		

GCTC Course	Course or Category	Credits	NKU Course	Completed
	Total Associate Degree Hours	**61**		

*If completing digital literacy using other means (like FYE 110), additional credits will be required in order to fulfill elective requirements.

Northern Kentucky University

Category 4: NKU Major Requirements for the BS in Data Analytics & Statistics

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
MAT 129 and MAT 229 or MAT 128 and MAT 129 and MAT 228	Calculus I and Calculus II or Calculus A and Calculus B and Calculus C	9	MAT 175 MAT 185	x
STA 250	Probability and Statistics I	3	Taken at NKU	x
STA 305	Intermediate Statistical Methods	3	Taken at NKU	x
STA 314	Design and Analysis of Experiments	3		
STA 316	Regression Analysis	3		
STA 341	Statistics II	3	Taken at NKU	x
STA 360	Statistical Computing	3		
STA 393	Career Explorations in Statistics	1		
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	CIT 170	
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		
	Subtotal Major Credit Hours at NKU	**25**		
	Subtotal Major Credit Hours at GCTC	**61**		
	Total Major Credit Hours	**44**		

Category 5: Additional Requirements at NKU

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
	Subtotal Focus or Minor and Electives Credit Hours Taken at NKU	**34**		
	Total Baccalaureate Degree Credit Hours	**120**		

Updated January 2026