



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2025-2026

Associate in Science to Bachelor of Science in Information Systems and Business Analytics

Overview

Completion of the following curriculum will satisfy the requirements for an Associate in Science (AS) at Gateway Community and Technical College (GCTC) and leads to the Bachelor of Science (BS) in Information Systems and Business 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 KCTCS

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.

The Information Systems and Business Analytics degree is AACSB-accredited and therefore prospective majors must meet selective admission requirements co-established with the Haile/U.S. Bank College of Business. Students enter the program as a Pre-BIS major. Students are officially admitted to the program as a BIS major after meeting the following requirements:

- Completion of the six courses in the selective admission group (ACC 200, ACC 201, BUS 230, ECO 100, ECO 101 and MKT 205) [GCTC ACC 201, ACC 202, BAS 267, ECO 201, ECO 202, and BAS 282] with a grade of C- or better in each, and

- An overall NKU GPA of 2.5 or better or a minimum GPA of 2.5 in the six selective admissions courses.

Students transferring to NKU from Gateway must earn a minimum grade of C- or better in each of the following transferred courses in order to meet selective admission requirements without having to repeat equivalent courses at NKU: ACC 201, ACC 202, BAS 267, BAS 282, ECO 201 and ECO 202. Students transferring credit for ACC 200 Principles of Accounting I-Financial (ACC 201 at GCTC) are not required to complete ACC 200L Financial Accounting Lab (1 credit).

Transfer students must complete a minimum of 12 credit hours at NKU (in any combination of courses) and establish a minimum 2.5 NKU GPA before applying for admission to the Business Information Systems major.

This major can be completed face-to-face or online. If completed fully online, courses are offered in seven-week formats. Tuition for online accelerated programs differs from face-to-face tuition. Scholarship pricing is available to GCTC students who choose to enroll in the fully online program. Visit our website for more information about the [Information Systems and Business Analytics Accelerated Online 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 must have an overall GPA of 2.0 and meet all prerequisites for courses and requirements for the major. All students successfully completing the BS in Business Information Systems automatically earn an interdisciplinary minor in Business satisfying the university's minor/focus/second major requirement for graduation.

General Transfer Information

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

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 BACHELOR OF SCIENCE IN INFORMATION SYSTEMS AND BUSINESS
ANALYTICS**

Gateway Community and Technical College

Category 1: GCTC General Education 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 and Humanities (AH) – Heritage	3	TBD XXX	
TBS XXX	Arts & Humanities (AH) – Humanities	3	TBD XXX	
ECO 201	Principles of Microeconomics (SB)	3	ECO 101	
TBS XXX	Social/Behavioral Science (SB) – not ECO	3	TBD XXX	
MAT 150*	College Algebra (QR)	3	(MAT 102 or MAT 103) + MAT 100T	
STA 220	Statistics (QR)	3	STA 205	
INF 120U	Elementary Programming	3	INF 120	
TBS XXX	Natural Science Course with Lab (SL)	4	TBD XXX	
	Subtotal General Education Courses	34		

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
MAT 165	Finite Mathematics and its Applications	3	MAT 114	
TBS XXX	Natural Science (NS) or Quantitative Reasoning (QR) course	3	TBD XXX	
	Subtotal AS Requirement Courses	6		

Category 3: GCTC Electives

GCTC Course	Course or Category	Credits	NKU Course	Completed
CIT 105 or OST 105*	Introduction to Computing or Introduction to Information Systems	3	ISBA 101	

GTC 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	
ACC 201	Financial Accounting	3	ACC 200	
ACC 202	Managerial Accounting	3	ACC 201	
ECO 202	Principles of Macroeconomics	3	ECO 100	
BAS 282**	Principles of Marketing	3	MKT 205	
BAS 267	Introduction to Business Law	3	BUS 230	
	Subtotal Elective Courses	21		
	Total Associate Degree Hours	61		

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

**BAS 160 pre-requisite will be waived for students pursuing this pathway.

Northern Kentucky University

Category 4: NKU Business Courses for the BS in Information Systems and Business Analytics

NKU Course	Course	Credits	GTC Course	Taken at GTC
ACC 200	Introductory Financial Accounting	3	ACC 201	x
ACC 201	Introductory Managerial Accounting	3	ACC 202	x
ISBA 300	Management Information Systems	3		
ISBA 380	Quantitative Analysis for Business	3		
BUS 230	Legal Environment	3	BAS 267	x
BUS 330	Ethics: Managerial Decision Making	3		
ECO 100	Principles of Macroeconomics	3	ECO 202	x
ECO 101	Principles of Microeconomics	3	ECO 201	x
FIN 305	Principles of Finance	3		
INF 201	Foundations of Informatics Professionals	1		
MAT 114	Finite Mathematics	3	MAT 165	x
MGT 300	Behavior in Organizations: Understanding Organizational Life	3		
MGT 303	Foundations of International Business	3	BAS 256	
MGT 305	Operations Management in Business	3	LOM 180	
MGT 490	Business Policy	3		
MKT 205	Principles of Marketing	3	BAS 282	x
STA 205	Statistical Methods	3	STA 220	x
	Subtotal Business Courses Credit Hours at NKU	34		

Category 5: NKU Major Requirements for the BS in Business Information Systems

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
ISBA 320	Descriptive Analytics & Visualization	3		
ISBA 330	IT Project Management	3		
ISBA 360	Predictive Analytics	3		
ISBA 460	Prescriptive Analytics	3		
ISBA 485	Strategic Information Systems Management	3		
INF 110 or INF 120	Introduction to Application Development or Elementary Programming	3	CIT 148 or INF 120U	x
INF 282	Introduction to Databases	3	CIT 170	
TBS XXX	Select one of the tracks below or three department approved courses: Information Systems Management Track Information Security Management Track (See track course options in Categories 6-7 tables below)	9		
	Subtotal Major Credit Hours at NKU	61		
	Subtotal Credit Hours at GCTC	61		
	Total Major Credit Hours	80		
	Total Baccalaureate Degree Credit Hours	122		

Category 6: NKU Information Systems Management Track

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
ISBA 310	Systems Analysis and Design	3	CIT 290	
Select two: ISBA 305 ISBA 430 ISBA 435	Advanced Business Programming Business Process Analysis Database Management Systems	6		
	Track Credit Hours	9		

Category 8: NKU Information Security Management Track

NKU Course	Course	Credits	GCTC Course	Taken at GCTC
ISBA 370	Information Systems Auditing	3		
ISBA 382 or HIN 382	Information Security Management or Healthcare Information Security and Privacy	3		
INF 284	Introduction to Computer Networks	3	CIT 160	
	Track Credit Hours	9		

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