

# TRANSFER PATHWAY GUIDE

# 2019-2020

Associate in Arts to Bachelor of Science in Business Information Systems

## Overview

Completion of the following curriculum will satisfy the requirements for an Associate in Arts at Gateway Community and Technical College System and leads to the Bachelor of Science in Business Information Systems degree at Northern Kentucky University.

## 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 25 percent of credit hours required for the degree earned at the institution awarding the degree, 4) demonstration of digital literacy.

## 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 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. To earn a degree in Business Information Systems, students must complete a minor in Business.

This degree is available in both traditional and fully-online formats.

## 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 AA TO NKU BACHELOR OF SCIENCE IN BUSINESS INFORMATION SYSTEMS

### Gateway Community and Technical College

#### Category 1: GCTC General Education Requirements

| **GCTC Course** | **Course or Category** | **Credits** | **NKUCourse** | **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 201 |  |
| ECO 202 | Principles of Macroeconomics (SB) | 3 | ECO 200 |  |
| TBS XXX | Social & Behavioral Sciences Course (SB) – not ECO | 3 | TBD XXX |  |
| MAT 161 | Statistics & Algebra (QR) | 3 | MAT 101 + MAT 102 |  |
| STA 251 | Applied Statistics (QR)  | 3 | STA 205(with MAT 161) |  |
| TBS XXX | Natural Science Course (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.

One of these courses must be selected from the KCTCS identified Cultural Studies course list, indicate by placing (CS) next to the course name in Category 1 or 2 table.

#### Category 2: GCTCS AA Requirements (6 hours)

| **GCTC Course** | **Course or Category** | **Credits** | **NKUCourse** | **Completed** |
| --- | --- | --- | --- | --- |
| TBS XXX | Arts and Humanities (AH), Social & Behavioral Sciences (SB), or Foreign Language (FL) elective | 3 | TBD XXX |  |
| TBS XXX | Arts and Humanities (AH), Social & Behavioral Sciences (SB), or Foreign Language (FL) elective | 3 | TBD XXX |  |
|  | **Subtotal AA Requirement Courses** | **6** |  |  |

#### Category 3: GCTCS Electives (21 hours)

| **GCTC Course** | **Course or Category** | **Credits** | **NKUCourse** | **Completed** |
| --- | --- | --- | --- | --- |
| CIT 105 OR OST 105 | Introduction to Computing OR Introduction to Information Systems  | 3 | BIS 101 |  |
| FYE 105 | Achieving Academic Success | 3 | UNV 100T |  |
| ACC 201 | Financial Accounting | 3 | ACC 200 |  |
| ACC 202 | Managerial Accounting | 3 | ACC 201 |  |
| INF 120 | Elementary Programming | 3 | INF 120 |  |
| 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** |  |  |

### Northern Kentucky University

#### Category 4: Selective Admission Requirements for the BS in Business Information Systems

| **NKU****Course** | **Course** | **Credits** | **GCTC****Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
| ACC 200 | Principles of Accounting I – Financial  | 3 | ACC 201 | x |
| ACC 201 | Principles of Accounting II – Managerial | 3 | ACC 202 | x |
| BUS 230 | Legal Environment | 3 | BAS 267 | x |
| CMST 101 | Public Speaking | 3 | COM 181 | x |
| ECO 200 | Principles of Macroeconomics | 3 | ECO 201 | x |
| ECO 201 | Principles of Microeconomics | 3 | ECO 202 | x |
| ENG 101 | College Writing | 3 | ENG 101 | x |
| ENG 102 | Advanced College Writing  | 3 | ENG 102 | x |
| MAT 114 | Finite Mathematics | 3 | MAT 165 |  |
| STA 205 | Introduction to Statistical Methods | 3 | STA 251 | x |
|  | **Subtotal Selective Admission Credit Hours at NKU**  | **3** |  |  |
|  | **Subtotal Selective Admission Credit Hours at GCTC** | **27** |  |  |
|  | **Total Selective Admission Credit Hours** | **30** |  |  |

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

| **NKU****Course** | **Course** | **Credits** | **GCTC****Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
| BIS 300 | Management Information Systems | 3 |  |  |
| BIS 305 | Advanced Business Programming | 3 |  |  |
| BIS 310 | Systems Analysis and Design | 3 |  |  |
| BIS 330 | IT Project Management | 3 |  |  |
| BIS 364 | Visualizing Data for Business Analysis | 3 |  |  |
| BIS 380 | Quantitative Analysis with Excel | 3 |  |  |
| BIS 382 or HIN 382 | Principles of Information Security orHealthcare Information Security & Privacy | 3 |  |  |
| BIS 430 | Business Process Analysis | 3 |  |  |
| BIS 485 | Strategic Information Systems Management | 3 |  |  |
| FIN 305 | Principles of Finance | 3 |  |  |
| INF 110 or INF 120 | Introduction to Application Development or Elementary Programming | 3 | CIT 148 or INF 120 | x |
| INF 282 | Introduction to Databases | 3 | CIT 170 |  |
| INF 284 or CIT 285 | Introduction to Networks and Data Communication orCybersecurity Fundamentals | 3 | CIT 160 |  |
| INF 286 | Introduction to Web Development | 3 | CIT 150 orCIT 155 |  |
| MGT 300 | Behavior in Organizations | 3 |  |  |
| MGT 305 | Operations Management in Business | 3 |  |  |
| MGT 490  | Business Policy | 3 |  |  |
| MKT 205 | Principles of Marketing | 3 | BAS 282 |  |
| TBS XXX | Selected Elective or Track Courses (See options in Category 6 tables below) | 6-9 |  |  |
|  | **Subtotal Major Credit Hours at NKU**  | **57-60** |  |  |
|  | **Subtotal Major Credit Hours at GCTC** | **3** |  |  |
|  | **Total Major Credit Hours** | **60-63** |  |  |
|  | **Total Baccalaureate Degree Credit Hours** | **121-124** |  |  |

The BS in Business Information Systems has several track options, as noted in the Category 4 table. Students can choose 6 credit hours from the guided electives or one of the tracks in the Category 6 tables.

**Category 6: Guided Electives (Choose 6 credit hours)**

| **NKU Course** | **Course** | **Credits** | **GCTCS Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
| BIS 373 | Collaboration Systems with SharePoint | 3 |  |  |
| BIS 384 | Business Analytics | 3 |  |  |
| BIS 394 | Topics: Information Systems | 3 |  |  |
| BIS 396 | Applied Business Informatics | 1-3 |  |  |
| BIS 397 | Information Systems Projects | 1-3 |  |  |
| BIS 402 | Programming for E-Business | 3 |  |  |
| BIS 420 | Business Intelligence & Enterprise Applications | 3 |  |  |
| BIS 435 | Database Management Systems | 3 |  |  |
| BIS 440 | Global Information Technology Management | 3 |  |  |
| BIS 494 | Topics: Information Systems | 3 |  |  |
|  | **Track Credit Hours** | **6** |  |  |

**Category 6: Business Analytics Track**

| **NKU Course** | **Course** | **Credits** | **GCTCS Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
| BIS 384 | Business Analytics | 3 |  |  |
| BIS 420 | Business Intelligence & Enterprise Applications | 3 |  |  |
|  | **Track Credit Hours** | **6** |  |  |

**Category 6: Information Assurance Track**

| **NKU Course** | **Course** | **Credits** | **GCTCS Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
| ACC 310 | Accounting Information Systems | 3 |  |  |
| ACC 330 | Fraud Examination | 3 |  |  |
|  | **Track Credit Hours** | **6** |  |  |

BIS 382 must be the selected option in the Business Information Systems major requirements in Category 5.

**Category 6: Computer Security Track**

| **NKU Course** | **Course** | **Credits** | **GCTCS Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
| CIT 371 | Unix Systems | 3 |  |  |
| Select 1: CIT 430 CIT 480 CIT 481 | Select one course from the following: Computer Forensics Securing Computer Systems Cybersecurity Capstone | 3 |  |  |
|  | **Track Credit Hours** | **6** |  |  |

BIS 382 must be the selected option in the Business Information Systems major requirements in Category 5.

**Category 6: Collaboration Systems Track**

| **NKU Course** | **Course** | **Credits** | **GCTCS Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
| BIS 373 | Collaboration Systems with SharePoint | 3 |  |  |
| Select 2:CMST 381CMST 303CMST 335 | Select two courses from the following: Computer-Mediated Communication Organizational Communication Communication and Conflict | 6 |  |  |
|  | **Track Credit Hours** | **9** |  |  |

**Category 6: Healthcare Information Systems Track**

| **NKU Course** | **Course** | **Credits** | **GCTCS Course** | **Taken at GCTC** |
| --- | --- | --- | --- | --- |
| HIN 355 | Foundations of Health Informatics | 3 |  |  |
| HIN 356 | Health Information Management | 3 |  |  |
|  | **Track Credit Hours** | **6** |  |  |

BIS 382 must be the selected option in the Business Information Systems major requirements in Category 5.

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