



## **TRANSFER PATHWAY GUIDE 2025-2026**

Associate of Arts in Pre-Business To  
Bachelor of Science in Information Systems and Business Analytics

### ***Overview***

Completion of the following curriculum will satisfy the requirements for the Associate of Arts (AA) in Pre-Business degree at Cincinnati State (CState) and leads to the Bachelor of Science (BS) in Information Systems and Business Analytics 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 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) 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 Cincinnati State 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 101, ACC 102, LAW 101, MKT 101, ECO 105 and ECO 110. Students transferring credit for ACC 200 Principles of Accounting I-Financial (ACC 101 at Cincinnati State) 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.

### ***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 Information Systems and Business Analytics automatically earn an interdisciplinary minor in Business satisfying the university's minor/focus/second major requirement for graduation.

### ***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.

**CINCINNATI STATE AA IN PRE-BUSINESS TO NKU BS IN INFORMATION SYSTEMS AND  
BUSINESS ANALYTICS**

**Cincinnati State – Associate of Arts in Pre-Business**

**Category 1: Ohio Transfer 36 Requirements**

| <b>CState Course</b>  | <b>Course or Category</b>  | <b>Credits</b> | <b>NKU Course</b>                              | <b>Completed</b> |
|-----------------------|--|----------------|--|------------------|
| ENG 101               | English Composition 1  | 3              | ENG 101  |                  |
| ENG 102 or<br>ENG 103 | English Composition 2: Contemporary Issues or<br>English Composition 2: Writing about Literature | 3              | ENG 102  |                  |
| COMM 110              | Public Speaking  | 3              | CMST 101                                       |                  |
| IT 101                | Programming 1  | 3              | INF 120  |                  |
| IT 111                | Database Design and SQL 1 (Directed Elective)  | 3              | INF 282  |                  |
| MAT 151               | College Algebra  | 4              | (MAT 102 or<br>MAT 103) +<br>MAT 100T          |                  |
| TBS XXX               | Arts/Humanities Elective 1   | 3              | TBD XXX  |                  |
| TBS XXX               | Arts/Humanities Elective 2   | 3              | TBD XXX  |                  |
| TBS XXX               | Natural/Physical Science Elective 1  | 4-5            | TBD XXX  |                  |
| TBS XXX               | Natural/Physical Science Elective 2  | 3-5            | TBD XXX  |                  |
| MAT 131               | Statistics 1 (Ohio Transfer 36 Elective 1)   | 3              | MAT 131 +<br>MAT 132 =<br>STA 113 +<br>STA 205 |                  |
| MAT 132               | Statistics 2 (Ohio Transfer 36 Elective 2)   | 3              | MAT 131 +<br>MAT 132 =<br>STA 113 +<br>STA 205 |                  |
|                       | <b>Subtotal General Education Core</b>   | <b>38-41</b>   |  |                  |

A grade of A or B in MATH 151 equates to MAT 103 + MAT 100T. A grade of C or D in MATH 151 equates to MAT 102 + MAT 100T.

TBS XXX means to be selected by Cincinnati State student.

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

**Category 2: CState Degree Requirements for the AA in Pre-Business and NKU Recommendations**

| <b>CState Course</b> | <b>Course or Category</b>      | <b>Credits</b> | <b>NKU Course</b> | <b>Completed</b> |
|----------------------|--------------------------------|----------------|-------------------|------------------|
| FYE 1XX              | First Year Experience Elective | 1              | UNV 100T          |                  |
| BUS 190              | Professional Practices         | 1              | BUS 100T          |                  |
| ACC 101              | Financial Accounting           | 3              | ACC 200           |                  |
| ACC 102              | Managerial Accounting          | 3              | ACC 201           |                  |
| LAW 101              | Business Law                   | 3              | BUS 230           |                  |
| MKT 101              | Principles of Marketing        | 3              | MKT 205           |                  |
| ECO 105              | Principles of Microeconomics   | 3              | ECO 201           |                  |

| CState Course       | Course or Category  | Credits      | NKU Course | Completed |
|---------------------|---|--------------|------------|-----------|
| ECO 110             | Principles of Macroeconomics  | 3            | ECO 200    |           |
| IM 111 or<br>IM 200 | Computer Applications I or<br>Information Systems for Managers<br>(Computer Elective) | 3            | BIS 101    |           |
| PBA 291             | Full-Time Cooperative Education 1: Pre-<br>Business Administration                    | 2            | CEP 300    |           |
|                     | <b>Total Associate Degree Credit Hours</b>  | <b>63-66</b> |            |           |

A grade of C- or better is required in ACC 101, ACC 102, LAW 101, MKT 101, ECO 105, and ECO 110.

### Northern Kentucky University

#### Category 3: NKU Business Courses for the BS in Information Systems and Business Analytics

| NKU Course | Course  | Credits   | CState Course        | Taken at CState |
|------------|---|-----------|----------------------|-----------------|
| ACC 200    | Introductory Financial Accounting                               | 3         | ACC 101              | x               |
| ACC 201    | Introductory Managerial Accounting                              | 3         | ACC 102              | x               |
| ISBA300    | Management Information Systems                                  | 3         |                      |                 |
| ISBA320    | Descriptive Analytics & Visualization                           | 3         |                      |                 |
| ISBA360    | Predictive Analytics  | 3         |                      |                 |
| ISBA380    | Quantitative Analysis for Business                              | 3         |                      |                 |
| ISBA460    | Prescriptive Analytics  | 3         |                      |                 |
| BUS 230    | Legal Environment   | 3         | LAW 101              | x               |
| BUS 330    | Ethics: Managerial Decision Making                              | 3         |                      |                 |
| ECO 100    | Principles of Macroeconomics                                    | 3         | ECO 110              | x               |
| ECO 101    | Principles of Microeconomics                                    | 3         | ECO 105              | x               |
| FIN 305    | Principles of Finance   | 3         |                      |                 |
| INF 201    | Foundations of Informatics Professionals                        | 1         |                      |                 |
| MAT 114    | Finite Mathematics  | 3         |                      |                 |
| MGT 300    | Behavior in Organizations: Understanding<br>Organizational Life | 3         |                      |                 |
| MGT 303    | Foundations of International Business                           | 3         |                      |                 |
| MGT 305    | Operations Management in Business                               | 3         |                      |                 |
| MGT 490    | Business Policy   | 3         |                      |                 |
| MKT 205    | Principles of Marketing   | 3         | MKT 101              | x               |
| STA 205    | Statistical Methods   | 3         | MAT 131 +<br>MAT 132 | x               |
|            | <b>Subtotal Business Core Credit Hours Taken at NKU</b>         | <b>37</b> |                      |                 |
|            | <b>Subtotal Business Core Credit Hours Taken at CState</b>      | <b>21</b> |                      |                 |
|            | <b>Total Credit Hours Required for the Business Core</b>        | <b>58</b> |                      |                 |

MAT 114 requires a math ACT score of 22 or a grade of C- or better in MAT 151 at Cincinnati State or MAT 102 at NKU.

**Category 4: NKU Major Requirements for the BS in Information Systems and Business Analytics**

| NKU Course         | Course  | Credits   | CState Course | Taken at CState |
|--------------------|---|-----------|---------------|-----------------|
| ISBA330            | IT Project Management   | 3         |               |                 |
| ISBA380 or MAT 112 | Quantitative Analysis for Business or Applied Calculus  | 3         |               |                 |
| ISBA485            | Strategic Information Systems Management  | 3         |               |                 |
| INF 110 or INF 120 | Introduction to Application Development or Elementary Programming   | 3         | IT 101        | x               |
| INF 282            | Introduction to Databases   | 3         | IT 111        | x               |
| TBS XXX            | Select one of the tracks below or five department approved courses:<br>Information Systems Management Track<br>Business Analytics Track<br>Information Security Management Track<br>(See track course options in Categories 6-8 tables below) | 15        |               |                 |
|                    | <b>Subtotal Major Credit Hours Taken at NKU</b>   | <b>24</b> |               |                 |
|                    | <b>Subtotal Major Credit Hours Taken at CState</b>  | <b>6</b>  |               |                 |
|                    | <b>Subtotal Major Credit Hours at NKU</b>   | <b>30</b> |               |                 |

**Category 5: Additional Requirements at NKU**

| NKU Course | Course   | Credits    | CState Course | Taken at CState |
|------------|--|------------|---------------|-----------------|
|            | <b>Subtotal Elective (300/400 level) Hours</b> | <b>2-5</b> |               |                 |
|            | <b>Total Baccalaureate Degree Credit Hours</b> | <b>120</b> |               |                 |

**Category 6: NKU Information Systems Management Track**

| NKU Course                                   | Course  | Credits  | CState Course | Taken at CState |
|--|---|----------|---------------|-----------------|
| ISBA310                                      | Systems Analysis and Design   | 3        |               |                 |
| Select two:<br>ISBA305<br>ISBA430<br>ISBA435 | Advanced Business Programming<br>Business Process Analysis<br>Database Management Systems | 6        |               |                 |
|  | <b>Track Credit Hours</b>   | <b>9</b> |               |                 |

**Category 7: NKU Information Security Management Track**

| <b>NKU Course</b>  | <b>Course</b>  | <b>Credits</b> | <b>CState Course</b> | <b>Taken at CState</b> |
|--------------------|--|----------------|----------------------|------------------------|
| ISBA370            | Information Systems Auditing   | 3              |                      |                        |
| ISBA382 or HIN 382 | Information Security Management or Healthcare Information Security and Privacy | 3              |                      |                        |
| INF 284            | Introduction to Computer Networks  | 3              |                      |                        |
|                    | <b>Track Credit Hours</b>  | <b>9</b>       |                      |                        |

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