



TWO DEGREES, ONE PATH

TRANSFER PATHWAY GUIDE 2019-2020

Associate of Arts To
Bachelor of Science in Computer Information Technology

Overview

Completion of the following curriculum will satisfy the requirements for the Associate of Arts degree at Cincinnati State and leads to the Bachelor of Science in Computer Information Technology degree at Northern Kentucky University.

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 Transfer Module 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 requirements for the major. In some cases, students must complete a focus or minor as indicated on the pathway.

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 TO NKU BS IN COMPUTER INFORMATION TECHNOLOGY

Cincinnati State

Category 1: Transfer Module Core

CState Course	Course or Category	Credits	NKU Course	Completed
ENG 101	English Composition 1	3	ENG 101	
ENG 102	English Composition 2: Contemporary Issues	3	ENG 102	
COMM 110	Public Speaking	3	CMST 101	
TBS XXX	Arts & Humanities (A List)	3	TBD XXX	
PHI 110	Ethics	3	PHI 200	
TBS XXX	Social/Behavioral Sciences (A List)	3	TBD XXX	
TBS XXX	Social/Behavioral Sciences (B List)	3	TBD XXX	
MAT 151	College Algebra	3	(MAT 102 or MAT 103) + MAT 100T	
TBS XXX	Transfer Module Elective	3	TBD XXX	
MAT 131	Statistics I	3	STA 113	
TBS XXX	Natural/Physical Science	4-5	TBD XXX	
TBS XXX	Natural/Physical Science	3-5	TBD XXX	
	Subtotal General Education Core	37-40		

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 student.

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

Category 2: Degree Requirements for the AA and NKU Recommendations

CState Course	Course or Category	Credits	NKU Course	Completed
FYE 1XX	First Year Experience Elective	1-3	UNV 100T	
HUM 190	Career Exploration Seminar: Associate of Arts and Sciences	2	CEP 101	
HUM 191 or HUM 192 or HUM 291 or HUM 292 or HUM 296	Part-Time Cooperative Education 1 or Part-Time Cooperative Education 2 or Full-Time Cooperative Education 1 or Full-Time Cooperative Education 2 or Full-Time Career Education Project	2	CEP 300	
IT 101	.NET Programming 1	3	INF 120	
IT 105	Information Technology Concepts	3	BIS 101	
IT 110	HTML with CSS and JavaScript	3	INF 286	
IT 111	Database Design and SQL 1	3	INF 282	
IT 115	Operating Systems Administration 1	3	CIT 271	
TBS XXX	Elective	0-5	TBD XXX	
	Total Associate Degree Credit Hours	62-65		

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

Northern Kentucky University

Category 3: Major Requirements for the BS in Computer Information Technology

NKU Course	Course	Credits	CState Course	Taken at CState
INF 100	Orientation to College of Informatics	1	Waived for students with AA degree	
INF 120	Elementary Programming	3	IT 101	x
INF 282	Introduction to Databases	3	IT 111	x
INF 284	Introduction to Computer Networks	3		
INF 286	Introduction to Web Development	3		x
CIT 130	Information Technology Fundamentals	3		
CIT 271	Windows Administration	3		x
CIT 285	Cybersecurity Fundamentals	3		
CIT 371	Unix Systems	3		
CIT 383	Scripting	3		
STA 205 or STA 250	Statistical Methods or Probability and Statistics	3	MAT 131 + MAT 132	
PHI 310	Information Ethics	3	PHI 110 satisfies PHI 310	x
ENG 347	Technical Writing	3		
	Select one track from following tracks: Network and Administration Track Web and Database Administration Track Cybersecurity Track Non-Specialist Track (Required courses are listed in Category 4 boxes below.)	18		
	Any NKU minor may be selected. Information Systems and Computer Science are common choices and require 15 additional credits. (Required courses for these minors are listed in Category 5 boxes below.)	15-21		
	Additional hours at the 300/400 level to meet the 45 credit hour graduation requirement with a total of 120 credit hours	3-6		
	Subtotal NKU Courses Credit Hours	58		
	Total Baccalaureate Degree Credit Hours	120		

Students must choose a track as part of the Computer Information Technology major.

Category 4: Network and System Administration Track

NKU Course	Course	Credits	CState Course	Taken at CState
CIT 247	Networking Fundamentals	3		
CIT 447	Network Design/Troubleshooting	3		
CIT 470	Advanced Network and System Administration	3		
CIT 484	Network Security	3		
CIT XXX	300/400-level CIT Course (not above)	3		
CIT XXX	300/400-level CIT Course (not above)	3		
	Additional Credit Hours in Track	18		

Category 4: Web and Database Administration Track

NKU Course	Course	Credits	CState Course	Taken at CState
CSC 260	Object-Oriented Programming I	3	IT 161	
CSC 360 or CIT 483	Object-Oriented Programming II or Scripting II	3		
CSC 301	Web Programming	3		
CIT 436	Web Server Administration	3		
CIT 472	Database Administration	3		
CSC 456 or CIT XXX	Advanced Web Application Development or One 300/400-level CIT course	3		
	Additional Credit Hours in Track	18		

Category 4: Cybersecurity Track

NKU Course	Course	Credits	CState Course	Taken at CState
CIT 247	Networking Fundamentals	3		
CIT 430	Computer Forensics	3		
CIT 484	Network Security	3		
CIT 485	Advanced Cybersecurity	3		
CIT XXX	300/400-level CIT Course (not above)	3		
CIT XXX	300/400-level CIT Course (not above)	3		
	Additional Credit Hours in Track	18		

BIS 382, CSC 482 and CSC 483 may count toward these electives.

Category 4: Non-Specialist Track

NKU Course	Course	Credits	CState Course	Taken at CState
CSC 260	Object-Oriented Programming I	3	IT 161	
CSC 360 or CIT 483	Object-Oriented Programming II or Scripting II	3		
CIT 436 or CIT 438 or CIT 472	Web Server Administration or Cloud Computing or Database Administration	3		
CIT 470 or CIT 485	Advanced Network and System Administration or Advanced Cybersecurity	3		
CIT XXX	One 300/400-level CIT course	3		
CIT XXX	One 300/400-level CIT course	3		
Additional Credit Hours in Track		18		

Students may choose one of the minors listed below or any other minor offered at NKU.

Category 5: Additional Requirements for Information Systems Minor

NKU Course	Course	Credits	CState Course	Taken at CState
INF 120	Elementary Programming	3	IT 101	x
INF 282	Introduction to Databases	3	IT 111	x
INF 286	Introduction to Web Development	3	IT 110	x
BIS 275	Introduction to Business Analysis	3		
BIS 300	Management Information Systems	3		
BIS 310	Information Systems Analysis	3	IT 210	
BIS 330	IT Project Management	3		
BIS XXX	One 300/400-level BIS course from list	3		
Additional Credit Hours in Minor		15		

Category 5: Additional Requirements for Computer Science Minor

NKU Course	Course	Credits	CState Course	Taken at CState
INF 120	Elementary Programming	3	IT 101	x
CSC 260	Object-oriented Programming I	3	IT 161	
CSC 360	Object-oriented Programming II	3		
CSC 362 or CSC 364	Computer Systems or Data Structures and Algorithms	3		
CSC XXX	One 300/400-level CSC course	3		
CSC XXX	One 300/400-level CSC course	3		
INF XXX or CSC XXX or CIT XXX	Two 300/400-level INF, CSC, or CIT courses not listed above in Category 3 or IV (met by CIT major requirements)	6		
Additional Credit Hours in Minor		15		