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## TWO DEGREES, ONE PATH

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### TRANSFER PATHWAY GUIDE 2023-2024

#### Associate of Science to Bachelor of Science in Geology

##### **Overview**

Completion of the following curriculum will satisfy the requirements for the Associate of Science (AS) degree at Cincinnati State (CState) and leads to the Bachelor of Science (BS) in Geology 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 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 prerequisites for courses and requirements for the major.

##### **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 Science advising brochure or the catalog for A and B list courses in Arts and Humanities or Social and Behavioral Sciences. Some courses in this document may have prerequisites that are not reflected in the grid. Students should work with their advisor to ensure that prerequisites are met.

## CINCINNATI STATE AS TO NKU BS IN GEOLOGY CHECKLIST

### Cincinnati State

#### Category 1: Ohio Transfer 36 Requirements

CState Course	Course or Category	Credits	NKU Course	Completed
ENG 101	English Composition 1	3	ENG 101	
ENG 102 or ENG 103 or ENG 104 or ENG 105	English Composition 2: Contemporary Issues English Composition 2: Writing about Literature English Composition 2: Technical Communication English Composition 2: Business Communication	3	ENG 102 or (GWR 200G)	
COMM 110	Public Speaking	3	CMST 101	
TBS XXX	Arts/Humanities List A Elective	3	TBD XXX	
TBS XXX	Arts/Humanities List B Elective	3	TBD XXX	
TBS XXX	Social/Behavioral Science List A Elective	3	TBD XXX	
TBS XXX	Social/Behavioral Science List B Elective	3	TBD XXX	
MAT 151 and MAT 152  or  MAT 153	College Algebra and Trigonometry  or  Pre-Calculus	6-8	(MAT 102 or MAT 103) + MAT 100T and MAT 119 or MAT 119 + MAT 100T	
EVS 120	Environmental Geology	4	GLY 120/120L	
EVS 130	Environmental Science: Ecology and Ecosystems	4	GLY 115 GLAB 200G	
PHY 151	Physics 1: Algebra and Trigonometry-Based	4	PHY 211	
PHY 152	Physics 2: Algebra and Trigonometry-Based	4	PHY 213	
	<b>Subtotal General Education Core</b>	<b>43-45</b>		

TBS XXX means to be selected by Cincinnati student.

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

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

#### Category 2: CState Degree Requirements for the AS and NKU Recommendations

CState Course	Course or Category	Credits	NKU Course	Completed
FYE 1XX	First Year Experience Elective	1	UNV 100T	
HUM 190	Career Exploration Seminar: AA/AS	2	CEP 101	
HUM XXX	Co-op/Internship Elective 1 and Elective 2	2	CEP 300	

CState Course	Course or Category	Credits	NKU Course	Completed
CHE 121/131	General Chemistry 1 with Lab	5	CHE 120/120L	
CHE 122/132	General Chemistry 2 with Lab	5	CHE 121/121L	
PSC 110	Earth Science	4	GLY 110	
	<b>Total Associate Degree Credit Hours</b>	<b>62</b>		

### Northern Kentucky University

#### Category 3: NKU Major Requirements for the BS in Geology

NKU Course	Course	Credits	CState Course	Taken at CState
CHE 120/120L	General Chemistry I with Lab	4	CHE 121/131	x
CHE 121/121L	General Chemistry II with Lab	4	CHE 122/132	x
MAT 119	Precalculus	3	MAT 153	x
MAT 128 or MAT 129 or STA 205	Calculus A or Calculus I or Statistical Methods	3-4	MAT 251 or MAT 131 + MAT 132	
PHY 211	General Physics I with Lab	4	PHY 151	x
PHY 213	General Physics II with Lab	4	PHY 152	x
GLY 100	Careers in Geoscience	1		
GLY 110	Earth Science with Lab	4	PSC 110	x
GLY 115	History of the Earth	3	EVS 130	x
GLY 315	Structural Geology with Lab	4		
GLY 330	Geomorphology with Lab	4		
GLY 335	Mineralogy and Petrology	4		
GLY 340	Introduction to Environmental Geoscience	3		
GLY 360	Environmental Geophysics	4		
GLY 415	Earth Science Applications of GIS	3		
GLY 420	Stratigraphy and Sedimentation with Lab	4		
GLY 425	Economic Geology	4		
GLY 450	Hydrogeology	4		
Select 1: GLY 120 GLY 125 GLY 130	Select one course from the following: This Dangerous Earth Prehistoric Life Geology of National Parks	3	EVS 120	x
Select 9 cr: GLY 325 GLY 341 GLY 392 GLY 394 GLY 402 GLY 416	Select 9 credits of electives from the following: Geology of the Planets (3 cr) Soil Science (3 cr) Directed Research: Geology (1-4 cr) Topics: Geology (1-3 cr) Paleontology (4 cr) Geologic Field Methods (3 cr)	9		

NKU Course	Course	Credits	CState Course	Taken at CState
GLY 435	Petrology and Petrography (4 cr)			
GLY 445	Geophysical Modeling (3 cr)			
GLY 455	Groundwater Resources and Management with Lab (4 cr)			
GLY 461	Ecology and Geology of Coral Reefs (4 cr)			
GLY 496	Externship: Geology (1-3 cr)			
	<b>Subtotal Major Credit Hours at NKU</b>	<b>47-48</b>		
	<b>Subtotal Major Credit Hours at CState</b>	<b>29</b>		
	<b>Total Major Credit Hours</b>	<b>76-77</b>		

**Category 4: Additional Requirements at NKU**

	Category	Credits		
	<b>Subtotal Elective Credit Hours</b>	<b>8-11</b>		
	<b>Total Baccalaureate Degree Credit Hours</b>	<b>120</b>		

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