

Concord University
BACHELOR OF SCIENCE – Environmental Geosciences
Registrar's Office Official Document

Name: _____
 120 hours minimum for graduation with a 2.00 average overall
 56 hours from a four-year institution

2025-2026 Catalog

Course	Title	CR	GR	QP
Written and Oral Communications (9 credit hours) Select one course from BGEN 205 or COMM 101				
ENGL 101	Composition & Rhetoric I	3		
ENGL 102	Composition & Rhetoric II	3		
COMM 101 Or BGEN 205	Fundamentals of Speech Or Fundamentals of Business Communication	3		
Literature and Humanities (6 credit hours) Select one (1) course from Literature and one (1) course from History and Philosophy. *May be repeated for 3 credit hours.				
	ENGL 203 or 204	3		
	HIST 101, 102, 203, 204, PHIL 101, 308, 316, or 361	3		
Fine Arts– (3 credit hours) Select one (1) course from the following:				
	ART 101, 103, 105, 106, 204, 205, 216, 303, 304, 308, MUS 101, *451, *453A, or THEA 102	3		
Social and Behavioral Sciences (9 credit hours) Select one (1) course from three different categories.				
GEO 100	Category 1 - Business and Professional Studies BGEN 105, ECON 203, ECON 204, FIN 200, HSP 100 or SOWK 161	3	See Major	
	Category 2 - Geography GEO 100 or 221	3		
	Category 3 - Political Science POSC 101, 104, or 202	3		
	Category 4 - Psychology PSY 101 or 200			
	Category 5 – Sociology SOC 101, 201, or 301			
Natural Sciences (7-8 credit hours) Select one (1) course from two different categories.				
CHEM 100/111	Category 1-Biological Science BIOL 101, 102, 121, or 122	4	See Major	
GEO 101 or GEO 200 or PHSC 104	Category 2-Earth & Space Science GEO 101, GEO 140 or 150, GEO 200, PHSC 104, or PHYS 105	3-4	See Major	
	Category 3-Physical Science CHEM 100, CHEM 101/111, PHSC 103, PHYS 101, or PHYS 201			
Mathematics (3 credit hours) Select one (1) Mathematics course numbered 100 or higher.				
MATH ---		3	See Major	
Physical Wellness (2 credit hours) Select one or more courses listed below for a total of at least two hours.				
	HS 120, 304, P ED 101M, 117 or 118	2-3		
Modern/Classical Language – (Optional 6 credit hours) Select two courses within the same Modern/Classical Language for substitution purposes.				
	May not substitute Modern Language for ENGL 101, ENGL 102, the 3-hour Mathematics requirement or the 4-hour lab science requirement.			

Environmental Geosciences (Minimum 2.00 GPA required)				
A. Earth & Environmental Sciences Core (37-38 credit hours)				
Introductory Coursework (6-7 credit hours)				
GEO 100	Humans and the Environment	3		
Select one of the following:				
	<ul style="list-style-type: none"> GEO 101 Earth Processes, Resources and the Environment (4) (Recommended) GEO 140 Geology and Environmental Issues in Appalachia (3) PHSC 104 Concepts in Physical Science: Earth/Space Sciences (4) 	3-4		
Foundational Coursework (19 credit hours)*				
GEO 302	Earth History & Stratigraphy	4		
GEO 305	Environmental Geology & Hydrology	4		
GEO 365	Earth Materials & Mineral Resources	4		
GEO 385	Earth Structure & Tectonics	4		
GEO 404	Field Methods (3)	3		
Geographic Information Systems (GIS) User Certificate (9 credit hours) 3.00 GPA Required				
GEO 200	Digital Earth	3		
GEO 311	Geographic Information Systems	3		
GEO 411	Remote Sensing Applications	3		
Capstone Internship, Research, or Field Experience (3 credit hours)**				
GEO 405 or GEO 450 or GEO 470	Field Geology or Internship or Research	3		
**Or an external geology field camp or similar field or research-intensive course approved by program faculty.				
B. Supporting Courses (20-22 credit hours)				
Mathematics (7-9 credit hours):***				
MATH 103/C and MATH 104 or MATH 107 or MATH 253	College Algebra and College Trigonometry or Precalculus or Calculus with Analytic Geometry I	4-6		
MATH 105/C	Elementary Statistics	3		
Science (13 hours):				
CHEM 101	Principles of Chemistry I	3		
CHEM 111	Principles of Chemistry I Lab	1		
PHYS 101 or PHYS 201	Introductory Physics or University Physics with Calculus	4		
PHSC 219	Laboratory Research Methods & Ethics	1		
Select one of the following:				
	<ul style="list-style-type: none"> BIOL 121 Foundations of Biology I (4) CHEM 102 Principles of Chemistry 	4		

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	II (3) and CHEM 112 Principles of Chemistry II Lab (1) ● PHYS 102 Intermediate Physics (4) ● PHYS 202 University Physics with Calculus, Part II (4)			
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***MATH 103 and/or 104 and/or 107 may be waived for those students establishing “equivalent proficiency” as outlined by the Department of Mathematics and Computer Science.

RESIDENCE CREDIT:

36 hours at Concord

16 of last 32 hours at Concord

Note: In some degree programs, this is prior to entering professional training.

9 hours in Major, Teaching Fields

TOTAL MINIMUM REQUIRED CREDITS: 120

PROGRAM REQUIREMENTS: 57-60

GENERAL EDUCATION CREDITS: 26-27

ELECTIVE CREDITS: 33-37

Revised 04/21/2025