



Aims2UNC Curriculum Map*
Geology A.S. / Earth Sciences B.S. – Geology
Concentration
2024-2025 Catalog
Degree Requirements – 120 Credits

*Curriculum Map for students transitioning from Aims Community College to the University of Northern Colorado for the purpose of completing a bachelor's degree. An AA/AS degree from Aims will result in a waiver of UNC's Liberal Arts Curriculum (general education) and the transfer of at least 60 credits depending on course grades from Aims. Courses with grades below a C- will not transfer to UNC, which could result in a transfer of fewer than 60 credits. Please note that course offerings are subject to availability and Curriculum Maps are subject to change. Please see Aims2UNC advisor for appropriate sequence of Aims courses and further information.

AIMS COMMUNITY COLLEGE – 62 Credits			
YEAR 1 – FALL: 15 credits		YEAR 1 – SPRING: 15 credits	
ENG 1021 English Composition I (GT-CO1) ** (UNC Equivalent: ENG 122 College Composition)	3 credits	ENG 1022 English Composition II (GT-CO2) ** (UNC Equivalent: ENG 123 College Research Paper)	3 credits
GEY 1111 Physical Geology with Lab (GT-SC1) (UNC Equivalent: *GEOL 100 General Geology)	4 credits	GEY 1112 Historical Geology with Lab (GT-SCI) (UNC Equivalent: *GEOL 202 Historical Geology)	4 credits
CHE 1111 Gen College Chem I with Lab (GT-SC1) (UNC Equivalent: *CHEM 111/111L Principles of Chemistry I)	5 credits	CHE 1112 Gen College Chem II with Lab (GT-SCI) (UNC Equivalent: *CHEM 112/112L Principles of Chemistry II)	5 credits
Social & Behavioral Sciences (GT-SS*)	3 credits	Social & Behavioral Sciences (GT-SS*)	3 credits
YEAR 2 – FALL: 16 credits		YEAR 2 – SPRING: 16 credits	
MAT 2410 Calculus I (GT-MA1) (UNC Equivalent: *MATH 131 Calculus I)	5 credits	GIS 1001 Introduction to GIS (UNC Equivalent: *GEOG 210 Intro to GIS and GPS)	3 credits
PHY 2111 (GT-SC1) (UNC Equivalent: *PHYS 220 or PHYS 240)	5 credits	PHY 2112 (GT-SC1) (UNC Equivalent: *PHYS 221 or PHYS 241)	5 credits
Arts & Humanities (GT-AH*)	3 credits	Arts & Humanities (GT-AH*)	3 credits
History (GT-HI1)	3 credits	MAT 2420 Calculus II (GT-MA1) (UNC Equivalent: *MATH 132 Calculus II)	5 credits
UNIVERSITY OF NORTHERN COLORADO – 58 Credits			
YEAR 3 – FALL: 15 credits		YEAR 3 – SPRING: 14 credits	
GEOL 320 Mineralogy	4 credits	GEOL 421 Ig and Met Petrology	4 credits
GEOL 340 Paleontology	4 credits	ESCI 330 Earth Science Statistical Analysis	3 credits
ESCI 349 Earth Science Professional Seminar	1 credit	SCI 291 Scientific Writing	3 credits
ESCI/GEOL Elective 300-400 level	3 credits	ESCI 490 Colloquium in Earth Sciences	1 credit
Advisor Approved Elective	3 credits	ESCI/GEOL Elective 300-400 level	3 credits
YEAR 4 – FALL: 15 credits		YEAR 4 – SPRING: 14 credits	
GEOL 450 Sedimentology and Stratigraphy	3 credits	GEOL 481 Geologic Field Techniques	3 credits
GEOL 470 Structural Geology	3 credits	ESCI 491 or ESCI 492	3 credits
Advisor Approved Elective	3 credits	ESCI/GEOL Elective 300-400 level	3 credits
ESCI/GEOL Elective 300-400 level	6 credits	GEOL 460 Geomorphology	3 credits
		Advisor Approved Elective	2 credits

**For a full listing of approved Guaranteed Transfer (GT) courses in these categories please refer to the [current catalog](#).

Every UNC student must meet the following requirements in order to graduate with a bachelor's degree: earn a minimum of 120 semester credit hours; possess a minimum of a 2.00 cumulative grade point average; meet all degree requirements in the student's major field of study. Each major and/or concentration may have additional requirements necessary for graduation. Students must consult with their major advisor to receive information on any additional graduation requirements. View the [UNC Undergraduate Catalog](#) for current degree requirements.

Contact Information –

Department: Department of Earth and Atmospheric Sciences

Website: www.unco.edu/nhs/earth-atmospheric-sciences/

Phone: 970-351-2647

Program Admission Requirements –

Academic Good Standing.

For information about admission to the University of Northern Colorado, please visit <https://www.unco.edu/admissions/>.

Notes –

- Some of the major courses at UNC are offered every other year, so the courses taken in years 3 and 4 depend on whether a student enters UNC in an even or odd year. Consultation with a UNC advisor is necessary in determining the year 3, fall semester schedule.