

GEOLOGY

Associate of Science Degree

Science, Technology, Engineering & Math Pathway
 CCD.edu/Geology

Geology Transfer Major

The Associate of Science degree with a designation in geology is a two-year program designed for you to graduate and transfer to a four-year institution to complete a bachelor's degree in geology or Earth science.

Geology is the study of the Earth, its rocks, and the ways they change over time. You will explore the movement of the earth's crust, the history of life on earth and past climates. Career paths for geology degree holders include resource management, mining, oil and gas exploration, and climate research.

COURSE MAP

Course	Title	Credits
First Semester		
SOC 1002	Introduction to Sociology II: GT-SS3	3
GEY 1111	Physical Geology with Lab: GT-SC1	4
ENG 1021	English Composition I: GT-CO1 ¹	3
MAT 2410	Calculus I: GT-MA1 ²	5
Subtotal		15
Second Semester		
GEY 1112	Historical Geology with Lab: GT-SC1	4
ENG 1022	English Composition II: GT-CO2 ¹	3
MAT 2420	Calculus II: GT-MA1	5
Choose One Arts & Humanities Course (GT-AH1~GT-AH4)		3
ART 1110	Art Appreciation: GT-AH1	
MUS 1020	Music Appreciation: GT-AH1	
HUM 1015	World Mythology: GT-AH2	
LIT 2005	Race, Ethnicity, and Culture in U.S. Literature: GT-AH2	
PHI 1012	Ethics: GT-AH3	
PHI 2018	Environmental Ethics: GT-AH3	
Subtotal		15
Third Semester		
CHE 1111	General College Chemistry I with Lab: GT-SC1	5
PHY 2111	Physics Calculus Based I with Lab: GT-SC1	5
Choose One Arts & Humanities Course (GT-AH1~GT-AH4)		3
ART 1110	Art Appreciation: GT-AH1	
MUS 1020	Music Appreciation: GT-AH1	
HUM 1015	World Mythology: GT-AH2	
LIT 2005	Race, Ethnicity, and Culture in U.S. Literature: GT-AH2	
PHI 1012	Ethics: GT-AH3	
PHI 2018	Environmental Ethics: GT-AH3	
Choose One History Course (GT-HI1)		3
HIS 1310	Western Civilization: Antiquity-1650: GT-HI1	
HIS 1320	Western Civilization: 1650-Present: GT-HI1	
HIS 1110	The World: Antiquity-1500: GT-HI1	
HIS 1120	The World: 1500-Present: GT-HI1	
HIS 2135	Colorado History: GT-HI1	
Subtotal		16
Fourth Semester		
CHE 1112	General College Chemistry II with Lab: GT-SC1	5
PHY 2112	Physics Calculus-Based II with Lab: GT-SC1	5
Choose One Social & Behavioral Sciences Course (GT-SS1~GT-SS3)		3
GEO 1005	World Regional Geography: GT-SS2	
PSY 1001	General Psychology I: GT-SS3	
SOC 1001	Introduction to Sociology I: GT-SS3	
PSC 2020	Intro to Political Science: GT-SS1	
CRJ 1010	Introduction to Criminal Justice: GT-SS3	
JOU 1005	Introduction to Mass Media: GT-SS3	
Choose One Elective		1-3

ENV 1010	Natural Disasters: GT-SC2	
GEY 1034	Oil and Gas Geology	
ANT 1003	Introduction to Archaeology: GT-SS3	
GEO 1007	Physical Geography	
Subtotal		14-16
Total Credits		60-62

¹ You can take ENG 1022 and an additional GT-CO3 course instead of ENG 1021 and ENG 1022.

² Requires prerequisite coursework: MAT 1340 and MAT 1420. Please see your academic advisor for specific information.

NOTE: The faculty at Community College of Denver have chosen course elective options for this program of study based on the skills students will need to be successful in this discipline. However, for a complete list of available course options, please go to the Colorado Department of Higher Education Transfer Degree Agreement for this program.