

# Geology-Computer Science Combined Major

Degree Type  
Bachelor of Arts

## Total credit requirements for Geology-Computer Science Combined Major

49-56 total credits

- 17 credits in computer science (21 if the student has not previously taken Computer Science 167 or equivalent)
- 18-20 credits in geology
- 10-11 credits in supporting science courses
- 4 credits of senior requirements

## Required Computer Science Courses

Item #	Title	Credits
Computer Science 270	Data Structures	4.0
	Computer Science 255 or 355	3
Computer Science 215	Introduction to Data Science	4.0
	3 additional credits of Computer Science at the 200 level	3
	3 additional credits of Computer Science at the 300 level	3

## Required Geology Courses

Item #	Title	Credits
	Introductory Geology	4
Geology 227	Sedimentology and Stratigraphy	4.0
Geology 270	Minerals, Society, and the Environment	4.0
	Two of the following: Geology 301, 310, 350, 418, 420, 460	6-8

## Required Supporting Science Courses

Item #	Title	Credits
	Mathematics 124 or 125	3-4
	Physics 145 or 155	4
	Chemistry 125 or 140	3-4

## Senior Requirements

- Geology 470
- Computer Science 495 and 496, OR 3 credits of Geology 490 or 498

## Notes on courses

- No courses taken PDF may be applied to the major
- Geology 158 recommended

## Honors

- Students do not apply for admission to candidacy for honors
- Earn a cumulative GPA of at least 3.300 and a major GPA of at least 3.500
- Write a thesis graded A or A- by department faculty
- Pass the senior assessment with distinction
- Department chairs will notify the Registrar of students attaining Honors no later than the third week of April
- An acceptable copy of the Honors Thesis must be submitted to Penrose Library no later than reading day

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Total Credits

49-56

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