

Geology: Idaho Rocks!
2020 Syllabus

When: **In person at the Museum of Idaho:** July 22-23, 9 am- 6 pm
 At the location of your choosing (home, library, etc.) July 24, 9 am- 6 pm

Where: Museum of Idaho

Supervising Instructor: Rod Hansen

Instructors:	Chloe Doucette	Alana Jensen
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Welcome to Geology: Idaho Rocks! Idaho's incredible landscape is the product of extreme heat and pressure. Join us to explore Idaho's geology! In this two credit course, we'll get out in the field to get first hand experiences at Craters of the Moon, Spencer Opal Mines, the St. Anthony Sand Dunes, Jackknife Cave, Civil Defense Cave, Mud Lake, and more.* We'll do hands-on experiments that can be translated to any learning context, and you'll go home with lots of tools and ideas to use in your own classroom.

**To maintain COVID 19 safety protocols, you'll be asked to drive your own vehicle. Transportation will not be provided by the Museum of Idaho, but clear directions will be provided to you.*

Course Goals/ Learner Outcomes:

1. Educators will learn about the basic geological processes that occur within the Earth.
2. Educators will explore Idaho's specific geology to learn more about what makes Idaho unique.
3. Educators will explore how place-based learning can provide their students with relevant and meaningful learning experiences.
4. Educators will learn appropriate field techniques in the context of geology.
5. Educators will create a plan to implement what they learned in their own teaching contexts.

Credit Requirements:

This is a two credit course (credits offered through Boise State University). In order to successfully complete this course and receive the credits, you will have to fulfill the below listed requirements.

- Participants must have full and focused attendance at each session. Attendance cannot be made up due to the length and format of this class.
- Participants will watch the PBS documentary entitled Idaho's Geology: A Convergence of Wonders and complete all of the accompanying readings and modules found here: <https://www.idahoptv.org/shows/outdooridaho/episodes/idahogeology/>
- Participants will complete a project outlining how they will apply what they have learned to their own teaching context. This can be in the form of a unit plan, field experience, video, field guide, etc.

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Grading:

You will receive a pass/fail grade for this course. Your grade will be determined based on the following criteria:

- Attendance
- Class Participation
- End of Course Project

Materials:

- **Car or a plan for transportation to and from field sites**
- Field Journal (will be provided to you to keep)
- Rock Hammer (will be provided to you to keep)
- Roadside Geology of Idaho (will be provided to you to keep)
- Rock ID Card (will be provided to you to keep)
- Field Microscope (will be provided to you to keep)
- Binoculars (will be provided to you to borrow, but you may bring your own)