



## ***Habitat Contrasts and Comparisons*** ***Aug 12-13, 2019 -- 1 credit***

**Instructors:** Alana Jensen, and Chloe Doucette  
**Supervising Instructor:** Rod Hansen

*The landscape surrounding Idaho Falls is unsurpassed in all of North America. Known for its diversity in geology, biology, and ecology, the landscape is bordered on the west by the Snake River Plain characterized by its stark, barren lava flows and sagebrush dominated landscape. To the east, the rugged Teton Range dominates the landscape, while on the north lies the spectacular Yellowstone Plateau. It would be difficult to find a more attractive landscape for the study of science! We'll compare and contrast two of Idaho's major ecosystems—deserts*

*and mountains—as we explore and study the living and nonliving and provide a wealth of field activities which can be adapted to any grade level. We'll weave English, history, sociology, math, and art throughout the course. As we will be hiking one-half to two miles each day over rough terrain you need to be moderately fit.*

### **Credit Registration:**

<https://aceware.boisestate.edu/wconnect/CourseStatus.awp2?&course=KE196TE2376>

### **What to bring:**

- \* Desert weather clothing layers - windbreaker, raingear.
- \* FLASHLIGHT for spelunking!
- \* Comfortable and sturdy walking shoes (close-toed, full foot for this rugged terrain)
- \* Binoculars, hand lens, camera - optional but suggested, especially if you are doing a photo journal
- \* Sunscreen, bug repellent, hat
- \* Lunch, snacks, water
- \* Notebook, pen/pencil
- \* Backpack or fanny-pack to carry all your stuff

### **Where to meet:**

The Museum of Idaho is working on an expansion and our new classroom space will not quite be finished. Please meet at the front entrance to the Museum of Idaho and you'll be directed to the classroom space from there.

### **Daily class schedule**

Monday, August 12

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|---------------|--|
| 8:00 – 8:15   | Meet and Greet (Scientific Names)  |
| 8:15 – 9:30   | Travel to Lava Hiking Trail  |
| 9:30 – 12:00  | Tour Lava Flows and Desert Habitats, Geology   |
| 12:00 – 12:30 | Lunch  |
| 12:30 – 1:45  | Field activities: <ul style="list-style-type: none"><li>Plant Transects</li><li>Cactus Wheel</li><li>Scavenger Hunt</li><li>Frisbee Golf</li></ul> |
| 2:15 – 4:30   | Return to Museum and explore habitat resources   |

Tuesday, August 13

8:00 – 8:30 Meet and Greet (Diversity Game)

8:30 – 9:30 Load van and leave for Pine Creek

9:30 – 12:00 Arrive at Pine Creek summit: Plant Transects, Teton Geology, Fossils

12:00 – 12:30 Lunch

12:30 – 2:00 Grizzlies and Wolves, Oh Deer

2:00 – 3:30 Return to Museum

**Required Assignment:**

Create a simple lesson plan or digital artifact about something you learned that will be useful in your own educational setting. (This should take no more than 1 hour to complete)

**Due:** Aug 15, 2019