

## *Habitat Contrasts and Comparisons* *July 20-21, 2020 -- 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:**

To register and pay for professional development credit through Boise State University, please follow the link below. The registration and payment process is quick and easy to complete, but if you encounter any problems, please feel free to contact Extended Studies Customer Service for assistance at (208) 426-1709.

**Credit Registration Deadline: July 22, 2020**

**[Click here to register for credit!](#)**

### **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:**

Please meet at the Firehouse Bell in the front of the Museum of Idaho and you'll be directed to the first location from there.

## **Daily class schedule**

### **Monday, July 20<sup>th</sup>**

- 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:  
    Plant Transects  
    Cactus Wheel  
    Scavenger Hunt  
    Frisbee Golf  
2:15 – 4:30 Return to Museum and explore habitat resources

### **Tuesday, July 21<sup>st</sup>**

- 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: July 24, 2020**