



# Digging for Data

fyp.uoregon.edu

FALL 2021

## COURSES

### First-Year Experience Seminar

UGST 109

1 credit

### Volcanoes & Earthquakes

ERTH 306

Core Education Science (>3)

4 credits

### World Archaeology

ANTH 150

Core Education Social Science (>2)

Global Perspectives (>GP)

4 credits

## CALENDAR

### First FIG Meeting

You will get to meet your FIG classmates, FIG Assistant (FA), and Faculty before classes start!

Check your FIG page in September to find out more details.

## ACADEMIC TEAM

### First-Year Experience Seminar

#### Professor

Thomas Giachetti

Assistant Professor of Earth Sciences

[tgiachet@uoregon.edu](mailto:tgiachet@uoregon.edu)

#### FIG Assistant

Nicole Witters

[nwitters@uoregon.edu](mailto:nwitters@uoregon.edu)

## ABOUT THIS FIG

### FYE Seminar

In both disciplines of physical volcanology and archaeology, scientists get to dig to collect data, both literally and figuratively. In this hands-on FIG, we will review some of the approaches, methods, and techniques that are used in volcanology and archeology whether it is in the field, in the lab, or behind a computer. We will travel to volcanoes in the Cascades to experiment how to choose where and how to dig an outcrop, how to precisely locate ourselves, how to measure and communicate depths, distances, slopes, type of soil, etc. We will then go in the lab to characterize the mass, size, and shape of irregular volcanic rocks and artifacts, visualize and document the objects with precision and scale, etc. Finally, behind a computer and in the library, we will discover how to efficiently dig into millions of pages and gigabits of discoveries archived in books, articles, maps, databases, websites, etc. You will thus discover tools that archeologists and volcanologists use to study and interpret the past.

### Volcanoes and Earthquakes

After a brief introduction to plate tectonics, this class will address how the Earth melts rock & makes volcanoes, why there is such a variety of volcanic types, and how volcanoes behave. This is followed by examining how faults make earthquakes and mountains, and how earthquake waves shake the ground and allow us to imagine the interior of the Earth. Many examples are taken from the Pacific Northwest, where all the different types of faults are active and where some of the largest earthquakes on Earth occur.

### World Archaeology

How do archeologists obtain knowledge of the prehistoric past? Reviews the world prehistoric record from the earliest toolmakers in Africa more than two million years ago through early civilizations such as the Mayan.

## NEXT STEPS

After you're registered for your FIG, you will want to check out the Meet Your FIG page (<https://fyp.uoregon.edu/fall-2021-figs>). This page will have everything you need to know before the beginning of fall term, including how to email your FIG Assistant, your summer assignment, and when you will be meeting your FIG for the first time in September. In order to prepare for your coursework and be notified about important academic deadlines you will want to download the "Canvas" and "Navigate" apps to your devices. Also, be sure to visit the FYE Community page in September, which has all the resources you'll need to achieve success in your first-year (<https://fyp.uoregon.edu/community>). If you have questions about anything, make sure you email your FIG Assistant – they are here to help!



Division of  
Undergraduate Education and  
Student Success



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FALL 2021

Digging for Data					
	Monday	Tuesday	Wednesday	Thursday	Friday
8AM					
9AM	UGST 109 17681 WIL 112 9:00am-9:50am				
10AM	ANTH 150 10456 LA 177 10:00am-11:20am	ANTH 150 10458 CON 204 10:00am-10:50am	ANTH 150 10456 LA 177 10:00am-11:20am		
11AM					
12PM					
1PM					
2PM	ERTH 306 12791 GER 302 2:00pm-3:50pm		ERTH 306 12791 GER 302 2:00pm-3:50pm		
3PM					

This FIG has an asynchronous remote class (which appears on the UO class schedule as “WEB”) that does not appear on this schedule. You are enrolled in all of the FIG classes, and can see them when you log on to Duckweb.

## ENROLLED IN A FIG AND CHANGE YOUR MIND?

Visit this link to find out the best way to make FIG changes for you: <https://fyp.uoregon.edu/fig-enrollment-2021>