

Welcome to EPS SCI 1: Intro to Earth Science! UCLA

CLASS MEETINGS:

Lectures: MWF, 9:00-9:50 am, Haines Hall 39

lectures will be held in-person, and will also be recorded and posted to CCLE

Labs: Geology 3657, held in-person; please check your lab section for day and time

labs begin Week 1; lab sections **will not meet** Week 0

Do not come to either lecture or lab if you feel sick / are not cleared to come to campus; there are no points for lecture attendance, and alternate arrangements will be made for missed lab(s)

INSTRUCTORS:



Lecture: Kevin Coffey (he/him)

Lab: We have several TAs teaching the lab sections; you'll meet yours there!

OPEN OFFICE HOURS:

Kevin: M, 12:00-1:00 pm, W & F, 11:00 am-12:00 pm, Geology 3687, or email me or talk to me in class to arrange another time.

Please feel welcome coming to my office hours, either at the times listed above or by arranging another time. My above office hours are in-person (Geology 3687), but I am also available to meet throughout the week either in person or via Zoom. Office hours are a great opportunity to ask questions, and go over any material you are unsure about, or just interested in talking about more.

Your TA has office hours as well, which are a great opportunity to ask questions related to lab.

ACCOMMODATIONS:

UCLA is committed to helping you engage successfully in the academic experience, and offers a wide variety of services to students with disabilities (temporary or permanent) through the Center for Accessible Education (CAE).

Students with disabilities who think they may require accommodations should use the UCLA Center for Accessible Education Student Portal to initiate a letter of accommodations request, then inform the instructor about their accommodation letter.

For more information on accommodations, please go to: <https://www.cae.ucla.edu/>



COVID-19 POLICY:

Keeping our community safe depends on each of us following the latest UCLA health and safety guidelines. While campus policies fluctuate with shifting local, state, and national mandates, current information is available at covid-19.ucla.edu.

At present, each of us:

- Is responsible, regardless of vaccination status, for wearing an [approved mask](#) that fully covers our nose and mouth for the duration of class, office hours, or other course-related activity.
 - Disposable masks are available at the Wooden Center for anyone unable to obtain a mask or who has forgotten to bring one to campus.
 - Appropriate masks include two-ply woven fabric masks, surgical masks, non-woven KN95 masks, and N95 respirators.
 - Please note that scarves, balaclavas/ski masks, single-layer fabric masks and neck gaiters, bandanas, and turtleneck collars are not adequate.
 - For those that have a medical reason not to wear a mask, you can contact the [Center for Accessible Education](#) (CAE) to have this exception approved and sent to instructors.
- Must be fully vaccinated by September 9th. Per the COVID-19 Response and Recovery Task Force, unvaccinated students must comply with [twice-weekly testing](#).
- Is required to complete [daily symptom checks](#), regardless of vaccination status.
- Will refrain from eating or drinking in the classroom. If you need to take a sip of water or eat something quickly for medical reasons, please step outside the room to do so.

Please stay home if sick or potentially exposed. Be assured that you will not be penalized for doing so.

Email me if you need to stay home, and we will make alternate arrangements for any missed content.

Be advised that refusal to comply with current campus directives related to COVID-19 mitigation will result in dismissal from the classroom and referral to the Office of Student Conduct. If you have any questions or concerns about UCLA's COVID-19 protocol, go to <https://covid-19.ucla.edu/information-for-students/>; if you have any questions specific to this course, I am happy to talk further.

Thank you for protecting your fellow Bruins!

REQUIRED MATERIALS:

- There is no required textbook or laboratory manual. Lectures and exams are not based off of a particular textbook. I will provide suggested short online readings as part of each lecture. If you would like a textbook (it can be a good way to have the material presented a slightly different way), I'd suggest Understanding Earth by Grotzinger and Jordan (any edition; UCLA Bookstore has latest edition), or this open-access online textbook: <https://opentextbc.ca/physicalgeology2ed/>
- Each student will read a different popular science book; these can be either borrowed or purchased. Your TAs will tell you more and assign you to choose a book Week 1. This is a great opportunity to dig deeper into an aspect of Earth science that particularly interests you.

GRADING:

Midterm exam #1	= 15%
Midterm exam #2	= 15%
Weekly laboratory exercises (total)	= 25%
Homework (total)	= 10%
Popular Science Book Presentation Project	= 15%
Final exam	= 20%

Examinations will be taken individually, without books/notes/etc. All answers must be your own, and in your own words. You are welcome to discuss homework assignments with one another, but your submission must represent your own, original work. Presentation can and should use references, but must represent your own, original work. Lab policies are set by the lab instructors.

Grading is not "curved;" the average grade of the class will depend upon the average quality of the work turned in. This is good news: you aren't competing with each other, so don't hesitate to form study groups and help each other learn (just be mindful to always do your own work).

CAUTION AGAINST ACADEMIC DISHONESTY:

Academic dishonesty, including cheating, fabrication, plagiarism, multiple submissions, facilitating academic dishonesty, coercion regarding grading or evaluation of coursework, and unauthorized collaboration, is against the UCLA Student Conduct Code, and is prohibited. Any student suspected of academic dishonesty will be reported to Office of the Dean of Students for possible discipline, which might include probation, suspension, or termination.

If you are unsure what constitutes academic dishonesty, or feel like it is the only way you can succeed in the class, please come talk to me. For more information on UCLA's policies and procedures on academic honesty, including definitions of the above terms, go to:

<https://www.deanofstudents.ucla.edu/Individual-Student-Code>

CLASS SCHEDULE: (subject to change)

Lecture:

WEEK	WHAT WE WILL BE EXPLORING:	
0		Course Overview; What is Science? What is Geology?
1		Does Science Matter? Does Geology?
	Science: What, Why, and How	Science and Scientists The Scientific Method
2		Data, Units of Measure, and Interpreting Data
	Plate Tectonics: The Force That Shapes Our Earth	Earth's Structure; The Theory of Plate Tectonics (part 1) The Theory of Plate Tectonics (part 2)
3		How the Theory of Plate Tectonics Developed (part 1) How the Theory of Plate Tectonics Developed (part 2)
	Earthquakes, Faults, and Folds: How the Earth Moves	The Science Behind Earthquakes Living in Earthquake Country Catch-up/Review Day
4		MIDTERM EXAM #1
5		Folds and Faults
	Minerals and Rocks: What the Earth is Made of	Minerals
	Volcanoes and Igneous Rocks: Born in Fire	Volcanoes Igneous Rocks Volcanic Hazards and Benefits
6		Sediment and Sedimentary Rocks
	Weather and Sedimentary Rocks: Worn by Wind and Water	Weather, Erosion, and Deposition (part 1)
7		MIDTERM EXAM #2
	Metamorphic Rocks: Buried and Remade	Weather, Erosion, and Deposition (part 2) Wind, Water, & Sediment-Related Hazards and Benefits
8		Metamorphic Rocks
	Climate Change: Reshaping our World	The Science of Climate Change The Hazards of Climate Change
9		Relative and Absolute Ages
	Earth's History: Reading the Rock Record	NO CLASS – HAPPY THANKSGIVING!
10		Paleobiology Paleogeography, Paleoclimatology, Paleo-etc. Catch-up/Review Day
	Finals Week	FINAL EXAM, 3:00-6:00 PM (LOCATION TBD)

Lab: will be announced in lab during Week 1