Personnel | Office | Phone | E-Mail | Office Hours
--- | --- | --- | --- | ---
Dr. Sarah Sherman | 525 | 956-3157 | sarahbs@hawaii.edu | by appointment
Erin Fitch (M, F) | 517 | 956-5241 | epfitch@higp.hawaii.edu | by appointment
Katie Taladay (T, TR) | 842 | 956-5241 | taladay@hawaii.edu | by appointment
Sarah Glancy (W am, pm) | 615A | 956-5960 | sglancy@hawaii.edu | by appointment

### Lab (order may be altered) | Readings (chap are from lab manual)
--- | ---
1, Aug 25 | 1, 2, 3 | #1: Introductory Geology lab
2, Sept 1 | 3 | (#2 Monday holiday – no in class labs this week. Online Plate Tectonics lab)
3, Sept 8 | 2, 3, 5 | #3: Minerals
4, Sept 15 | 2, 3, 5 | #4: Igneous Rocks
5, Sept 22 | 2, 3, 5 | #5: Magma differentiation
6, Sept 29 | 2, 3, 5 | #6: Sedimentary rocks and processes
7, Oct 6 | 2, 3, 5 | #7: Metamorphic rocks, UH rocks (partly in the field)
8, Oct 13 | 2, 3, 5 | #8: Manoa Landslide (in the field)
9, Oct 20 | 1, 2, 3, 5 | #9: Earthquakes (in the field)
10, Oct 27 | 2, 3, 5 | #10: Geologic Time (outside)
11, Nov 3 | | (Tues. holiday—Election Day—make up lab week)
12, Nov 10 | | (Tues. holiday—Veteran’s Day—at home assignment)
13, Nov 17 | 2, 5 | #11: Fossils
14, Nov 24 | | No Lab (Thanksgiving)
15, Dec 1 | 1, 2, 3 | #12: Groundwater
16, Dec 8 | | No lab (Friday study period)

### Suggested Text

### Required Equipment
Pencil, eraser, calculator, sunscreen and water for field trips, an interest in how the Earth works and an eagerness to learn.

Labs need to be done neatly.

There will be a short online homework, posted on Laulima, [https://laulima.hawaii.edu/portal](https://laulima.hawaii.edu/portal), which is due before the start of most labs. The point of the homework is to prepare you for the lab so you are able to get the most out of your time in lab. Reading assignments that accompany the online homework will be posted on Laulima under resources.

The labs, online homeworks (posted under Tests & Quizzes), readings for the homeworks, announcements, as well as grades will be posted on Laulima.

### Grading

| | % |
--- | --- |
Labs | 90 |
Homework | 10 |

*Student Learning Objectives – on next page*
GG 101 Lab Policies

1. Unless you have a note from your Doctor or Coach, you will not be allowed to make up a missed lab. If you are allowed to make up a lab, this must occur within one week of the missed lab. If you know in advance that you will miss a lab, you are welcome to show up for a different section, but make sure to get an OK to do this from both your TA and the TA teaching the lab you’ll be attending.

2. Homework must be turned in online BEFORE the lab period. No late homework will be accepted.

3. We have made an effort to have as many labs as possible be outdoors. This is where geology is learned the best. But it means that you shouldn’t wear your best prom clothes on those days. Field days are indicated on the syllabus, and we’ll try to remind you the prior week. For photos of some previous years’ GG101L students having fun in the sun, go to: http://www.soest.hawaii.edu/GG/FACULTY/ROWLAND/GG101L/GG101L_webpage01.htm

4. The labs are designed to be completed in the 3 hours allotted in the schedule, and many will require the full 3 hours. Labs must be turned in by the end of the lab period.

*SLOs - Student Learning Objectives

G&G undergraduate courses have to consider how they address a number of SLOs, which the G&G Department has decided are key attributes and/or abilities of any G&G student. They are (in no particular order):

1. Students can explain the relevance of geology and geophysics to human needs, including those appropriate to Hawaii, and be able to discuss issues related to geology and its impact on society and planet Earth.
2. Students can apply technical knowledge of relevant computer applications, laboratory methods, and field methods to solve real-world problems in geology and geophysics.
3. Students use the scientific method to define, critically analyze, and solve a problem in earth science.
4. Students can reconstruct, clearly and ethically, geological knowledge in both oral presentations and written reports.
5. Students can evaluate, interpret, and summarize the basic principles of geology and geophysics, including the fundamental tenets of the sub-disciplines, and their context in relationship to other core sciences, to explain complex phenomena in geology and geophysics.

Cheating, plagiarism (doing someone’s lab for them, for example), etc violates the UHM Student code of conduct (see UH Catalog for details). It will not be tolerated and will result in a grade of F for the course and a letter sent to your academic dean explaining the reason for the F.