

Summary Week 4-5: START HERE

Welcome to Week 4-5! Here is a [cartoon](https://www.birdandmoon.com/comic/in-the-air/) [\(https://www.birdandmoon.com/comic/in-the-air/\)](https://www.birdandmoon.com/comic/in-the-air/) and our list of tasks to get us started ...

When	What	Where
Class: Mon class time OR watch recording after when convenient	We will discuss soil properties and microbiomes	Zoom LTI PRO (in real time) and Media Gallery (recording available)
Lab: Tues or Thurs lab time OR watch recording when convenient	We will work on data analysis for using soil properties	Zoom LTI PRO (in real time) and Media Gallery (recording available)
Due: Two discussion posts and a survey by Sun 4/26 11:59 pm PT	Go through resources listed below and complete assignments	Resources here and assignments in the Assignments or Syllabus folder
Due: Second writing assignments by Sun 5/3 11:59 pm PT	Writing assignment on soil properties and statistics	Assignment available in the Assignments or Syllabus folder
Quiz: Available Sat 5/2 5:00 pm PT to Mon 5/4 5:00 pm PT	Quiz (30 min) on course materials discussed up to this point	Quiz available in the Assignments or Syllabus folder

Collaboration groups: We have set up collaboration/study groups on Canvas, so you can at least have someone to work with. As you meet new people in the course, if you prefer to switch to another group, you are free to do so. Please make sure to communicate with both your existing and new groups about the move! In lab sections, if you prefer to work together in a breakout room, please let the IAs know in Zoom chat, and we can get that set up for you while on Zoom. All of this collaboration is meant to help you succeed in the course, so please let us know what would work best for you!

Course material: Some of the videos are behind the paywall and accessible as part of our campus library subscription. Please see the [Campus Blink website](https://blink.ucsd.edu/technology/network/connections/off-campus/index.html) [\(https://blink.ucsd.edu/technology/network/connections/off-campus/index.html\)](https://blink.ucsd.edu/technology/network/connections/off-campus/index.html) for more information on how to access these resources.

- Plant-fungus symbiosis: [Secret language of trees](https://www.youtube.com/watch?v=V4m9SefyRjg) (5 minutes)
- [Moisture content in soil](https://www.jove.com/science-education/10011/determination-of-moisture-content-in-soil) (6 min)
- [What is pH?](https://www.jove.com/science-education/10669/ph) (1 min)
- [How to measure pH](https://www.jove.com/science-education/10676/measuring-ph) (2 min)
- Optional: [Using a pH meter](https://www.jove.com/science-education/5500/using-a-ph-meter)

Assignments: There are two [discussion posts](https://canvas.ucsd.edu/courses/12476/discussion_topics) and a survey due on Sunday 4/26 at 11:59 pm pacific time. The graded writing assignment is due on Sunday 5/3 at 11:59 pm pacific time. All assignments are listed in the current module, as well as in the [Assignments](https://canvas.ucsd.edu/courses/12476/assignments) and [Syllabus](https://canvas.ucsd.edu/courses/12476/assignments/syllabus) folders.

Quiz : The quiz will be available on Canvas for 48 hours from Saturday 5/2 at 5:00 pm pacific time to Monday 5/4 at 5:00 pm pacific time. Once you log into the quiz, you will have 30 minutes to complete it. This means the latest you can log into the quiz and still have the designated 30 minutes is Monday 4/20 at 4:30 pm pacific time. However, we would strongly encourage you to start early. If you run into technology issues, we can reset the quiz for you but only up until it closes on Monday 4/20 at 5:00 pm pacific time. Please plan accordingly! <https://www.biointeractive.org/classroom-resources/spreadsheet-tutorial-4-ttest>