

## BIEB 121 Syllabus Spring 2022

Welcome to BIEB 121!

### Instructor:

**Shannon Butler**, she/her

shannon.rhey.butler@gmail.com

**Office hours:** We can meeting during class time

### Schedule:

<https://docs.google.com/spreadsheets/d/1cszQx4rwMy3xglwrprYfE-YznYEHdEzgdQSVUTijFIQ/e/dit#gid=410122119>

**Physical Classroom:** York 4124

### Zoom Classroom:

<https://ucsd.zoom.us/j/98250857811?pwd=eDA1ZXBlbWgwNFdEcEJYSFVnWEFVQT09>

Meeting ID: 982 5085 7811


Password: cat

**Modality:** This class will meet SYNCHRONOUSLY on Tuesdays and Thursdays. Most of the time we will be **in person**, but on some days when we are writing, we will meet on Zoom.

**I may need to change the modality on some days**, so be prepared to come to campus in person on all class days. I will give you at least 24 hours notice.

### Instructional assistants:

Name	Email	Pronouns (optional)
Christy Puzzanghera	Cpuzzang@ucsd.edu	she/her
Clay McClure	ccmclur@ucsd.edu	he/him
Maddy Perreault	mgperrea@ucsd.edu	she/her
Cody Spiegel	cjspiege@ucsd.edu	he/him

**Office hours:**  **BIEB 121 Schedule Sp22** Use the tab that says "Office Hours"

**Course overview:** This is a course in experimental methods in field ecology. The focus will be on natural history, experimental methods, statistical analysis, reading scientific literature, and scientific communication. Statistics is an essential prerequisite for this course. The emphasis will

be on terrestrial ecology, particularly and animal ecology, but with forays into intertidal ecology and ecosystem ecology. Even though we are online, you will still go out in the field (outside) to collect data. We will also work in groups in Zoom to conduct analyses and work on writing/communication skills.

**Class meetings:** We will meet Synchronously twice per **week**. We will not meet during finals week. *Part or all of our zoom sessions may be recorded and posted on Canvas (accessible to our class only).*

**Attendance:** There will be things that are unforeseeable and out of your control, those are valid reasons to not come to class. But otherwise, you need to be here.

If you have an OSD accommodation that allows you to miss extra class, let me know as soon as possible so we can make sure to work with you individually on that.

-If you miss a lab period and do not have a valid excuse (illness, emergency, circumstance that is unforeseeable and out of your control) then you will receive a **5% deduction in your total grade**.

-If you miss a lab period and you **DO** have a valid excuse, then:

**Field excursion:** if possible you will collect the data on your own, OR make up the points by adding 10 species to your Natural history project. Discuss with Dr. B based on the lab that day before making up the work.

**Analysis or writing day:** You will need to complete the analysis or writing on your own. We have Office hours in the evenings for you to attend. This is the only way to get feedback, you must attend to make up work.

Much of this work is cumulative, where we collect data, run analyses, and then write about it. If you miss some amount of work that makes it challenging for you to participate with where your group is at (as determined by Dr. B), you will need to complete the rest of that unit alone.

I will decide this on a case by case basis. Basically, it is in your best interest to be here if you are well.

### **Late Work:**

In general, I don't accept late work unless you have an emergency or work out an extension, ahead of time. I will not accept lab reports late without you discussing an extension with either me or an IA, in which case we would extend the due date based on the circumstance.

For the asynchronous quizzes: They are all posted on Canvas with due dates. There is ample time to do them. Don't want to go to the last minute. But, you get one miss before it affects your grade. I will only extend these if you have an illness, injury, or circumstance that is serious enough to put you out for more than one week. Otherwise, **you have the 1 drop flexibility**. This

drop will not show in canvas but I will reduce the denominator by 5 points when I calculate the final grade.

Final Lab reports/large assignments: If you do not have a reasonable excuse for an extension, your assignment will be deducted 5%/hour late, meaning you will get a 0 if it is more than 20 hours late

Checkpoints: Due to quick turnaround, you won't get points for this but will need to complete it before moving on.

**Communication:** We will share all material via Canvas. I will send out announcements via Canvas "Announcements", monitor them daily, M-F. It is your responsibility to check announcements on Canvas for important information. To contact me, email me with the subject line "BIEB 121".

**Dr. B Office hours:** I am happy to meet with you in a break out room during, before, or after class. Please email me beforehand or private message me in Zoom let me know if you need to discuss anything separately in a break out room. Otherwise, there is plenty of time to get help with class material in our lab periods. If you need additional help, please let me know.

I cannot write letters of recommendations for students at this time, unless you have been an IA for one of my courses in a previous quarter. Thank you for understanding.

**Nature of this course:** This course is a **field based course**. You need to be able to go out into the field with us. **If you have a disability, injury, or medical condition, please talk to me about it as soon as possible so that we can accommodate you.**

**Technology:** You need to be able to access Canvas and the internet to complete this course. You will also need to use statistical software ( R, will get you access later!). There are apps for Zoom, Canvas, and Google Drive which will be useful if you want to multitask with your phone/tablet. You will need to connect to the VPN to access primary literature:

<https://library.ucsd.edu/computing-and-technology/connect-from-off-campus/>

Please do this during week 1 in case you run into issues. Use the option for **VPN Anyconnect.**

**When we are in class on Zoom, you need to be in a place where you can use your microphone to talk and share your screen. This is your responsibility. You cannot do class on your phone while in a car, that will not work.**

**Software:** We will be using R, Microsoft Excel, and a Word processing software (such as Microsoft word or the equivalent). If you use Mac "Numbers", that will work but my instructions

will not be worded specifically for your program. It is your responsibility to have access to this free software, whether you are at home or on a school computer.

**Download R here:** <https://rstudio.com/products/rstudio/download/> it is free and there are instructions on Canvas Module. We also have R on the computers in Lab, but it is in your best interest to also have it on your laptop.

**How you are graded/evaluated:** Each day, there will be some sort of deliverable, either by the end of class, or by the next class period. You will have an individual project (Natural History Project) as well. But write ups are usually done in groups. We also have some pre-recorded lectures and quizzes (open notes) to make sure that you have watched and understood the lecture.

These points are tentative! Some may change.

**Absences:** We understand things happen. If you have a medical emergency, mental health emergency, unexpected caretaking, or a hard to schedule doctor or government appointment (jury duty, court date, etc), please email **Dr. B** as soon as possible (subject line BIEB 121) to figure out a solution. Please do your best to attend class on time, and be honest with us about your absences. I will ask for documentation of your emergency, when reasonable.


If you are not feeling well:

**Schedule:** You can view the schedule here:

<https://docs.google.com/spreadsheets/d/1cszQx4rwMy3xglwrprYfE-YznYEHdEzgdQSVUTijFIQ/edit?usp=sharing>

This Schedule is tentative and any changes will be announced in advance and points adjusted. Details on all assignments will be given in class/Canvas! Stay tuned!

### Grading

I do total points and calculate your grade as a percentage. You can receive up to 320 points in this class (subject to slight adjustments). The number of points that you receive will be divided by the maximum number of points possible to calculate your grade as a percentage. If we do not get to all of the activities, the denominator will be adjusted. \*Look at canvas assignments page for exact grade breakdown\* Or the "Grading Scheme" here  BIEB 121 Schedule Sp22

In general, I use this to determine final grades. I do not round but use cut offs in Excel:

A	92 - 100 %	C+	78 - 79 %
A-	90 - 91 %	C	72 - 78 %

B+	88 - 89 %	C-	70 - 71 %
B	82 - 87 %	D	60 - 69 %
B-	80- 81 %	F	0 - 59 %

However, since this is a lab class, if you have excessive absences without valid reason, you will not be allowed to make up assignments and your grade may be lowered, **up to 5% per absence, in addition to the points that you missed**. If you have a lot of absences, I may ask for documentation (Dr. notes, etc).

**Lab specific rules:**

You need to wear long pants, closed toe shoes, and a well fitted mask at all times when in the lab. You may keep water/food outside the door. Do not bring food or drink into the lab. Please feel free to go into the hall to have a snack or get a drink. Don't leave York to go buy food, please bring things with you.

**Restrooms:** There is a “Men’s” restroom outside the lab. The “Women’s” restroom is on the floor below on the other side of the building. Individual/Gender inclusive bathrooms are in Urey hall. Please take the time to go use whichever bathroom makes you the most comfortable.

**Accommodations For Students With Disabilities:** Students requesting accommodations for this course due to a disability must provide a current Authorization for Accommodation (AFA) letter issued by the Office for Students with Disabilities (OSD) which is located in University Center 202 behind Center Hall. Students are required to present their AFA letters to Faculty (please make arrangements to contact me privately) and to the OSD Liaison in the department in advance so that accommodations may be arranged. Contact the OSD for further information: 858.534.4382 (phone) osd@ucsd.edu (email) <http://disabilities.ucsd.edu> (website) Do this within the first week of class. You can choose to use your accommodation or not, but you need to decide this up front so that I can accommodate your needs.

**Academic integrity:** Students are expected to do their own work. Cheating will not be tolerated and all suspected cases will be handed over to the Academic Integrity Coordinator. Any student caught cheating will fail the course. Even the most minor infringements on Academic integrity will result in at least a full letter grade reduction. Submitting any material written by someone else (copied from a lab member, or from any on-line source) is a violation of academic integrity. For information on academic integrity at UCSD:

<https://students.ucsd.edu/academics/academic-integrity/index.html>

**Student Questions/Enrollment:** Please direct student questions to Biological Sciences Student and Instructional Services. UCSD continuing students use the Virtual Advising Center [vac.ucsd.edu](mailto:biouisis@ucsd.edu) Summer Session (non UCSD students) may email [biouisis@ucsd.edu](mailto:biouisis@ucsd.edu)

**Resources for student support**

Many students face academic and non-academic barriers that interfere with their education. The University of California has a lot of resources for students experiencing academic and non-academic problems. It is your responsibility to utilize the resources provided to you, but if you have trouble accessing these resources, please reach out to me.

**Technology:** If you don't have a way to access the internet or interact with Canvas, Fill out this form: <https://eforms.ucsd.edu/view.php?id=490887>; email [biouisis@ucsd.edu](mailto:biouisis@ucsd.edu)

**Teaching + Learning Commons** The Teaching + Learning Commons offers tutoring, consultations, and workshops on learning strategies as well as assistance with writing in the Writing + Critical Expression Hub <http://commons.ucsd.edu>

**SPACES:** Book lending service for students <https://booklending.ucsd.edu/>

**Community Centers:** The Campus Community Centers at UC San Diego build community among our diverse population of students, faculty and staff members. Each provides a forum to increase awareness of social issues, encourage dialogue, build community, improve retention, increase outreach and yield, and foster academic success. For a list of the many campus community centers, as well as other resources to support students, go to:

<https://diversity.ucsd.edu/>

**Counseling and Psychological Services (CAPS)** provides free, confidential, psychological counseling and crisis services for registered UCSD students. CAPS also provides a variety of groups, workshops, and drop-in forums. For more information, please visit our Counseling Services page. <https://caps.ucsd.edu/>

**CARE at the Sexual Assault Resource Center** is the UC San Diego confidential advocacy and education office for sexual violence and gender-based violence (dating violence, domestic violence, stalking). CARE provides free and confidential services for students, staff and faculty impacted by sexual assault, relationship violence and stalking.

<https://students.ucsd.edu/sponsor/sarc/>

**Undocumented Student Services Center** is committed to serving our undocumented students and their families through holistic services. We also advocate for generating a sense of

community for all students that are undocumented or come from mixed immigration-status families. <https://students.ucsd.edu/sponsor/undoc/>

**Student Veterans Resource Center (SVRC)** is committed to ensuring that military affiliated students successfully make the transition from the military environment to campus life, and are assisted in their progress toward completing their academic degree. In collaboration with other University partners, the SVRC seeks to identify and mitigate the barriers to academic success that are specific to the military affiliated student community.

<https://students.ucsd.edu/sponsor/veterans/index.html>

**The Hub** (<https://basicneeds.ucsd.edu/triton-food-pantry/index.html> ) will point you to resources to meet your basic needs (nutritious food, stable housing, etc). Some of these resources are listed below. I do not know if these resources are available during the campus closure, the website has not been updated.

**Triton Food Pantry:** The University of California believes that all students should have access to nutritious food. <https://basicneeds.ucsd.edu/triton-food-pantry/index.html> I do not know if these resources are available during the campus closure, the website has not been updated.

**English language Learners:** here are resources to help English Language Learners:  
<https://commons.ucsd.edu/educators/ELP-ii/resources.html#English-Language-and-Communication>