

## BILD 3 Organismic and Evolutionary Biology, Summer II 2019

**Instructor:** Dr. Shannon Butler (she/her)

**Contact information:**

**Email:** [s3butler@ucsd.edu](mailto:s3butler@ucsd.edu); **Subject line must be BILD 3**

**Office hours:**

Thursday 11:10-12, or by appointment at 3880 AP&M Prime

**Instructional Assistants:** office hours will be in Price Center across from Starbucks

**Natalie Posdaljian** (she/her) [nposdali@ucsd.edu](mailto:nposdali@ucsd.edu)

**Uma Talagadivi** (she/her) [utalagad@ucsd.edu](mailto:utalagad@ucsd.edu)

**Office hours:** 3-4pm Tuesday (Natalie); 3-4pm Thursday (Uma)

**Schedules:**

**Lecture:** 8-10:50 Solis 104

**Discussion:** 12, 1, OR 2 pm. Must go to your assigned section! Mandeville B-150

**Textbook:** You should have access to Campbell Biology (any edition, but I will go off of the 11<sup>th</sup> edition refereeing to chapters). You can share with a friend, acquire used copies on Ebay, Amazon, etc. There are also copies available through the Library Reserve System. The Chapters are suggested readings, they are optional. If reading helps you, feel free to read ahead.

**Slides and course materials:** I will be using Canvas to post course material and slides. Slides will be posted within 24 hours AFTER the lecture. The class will be podcasted and can be listened to here: <https://podcast.ucsd.edu/howto.shtml>

**In Class work:** We will be doing in class work that will be graded for thoughtful effort. We may have peer accountability sheets if equal participation is an issue. If you have issues working in groups or with particular members of the class that you cannot resolve yourself, please talk to me. By entering into the class you have agreed to abide by UCSD's Principles of Community: <https://ucsd.edu/about/principles.html>; which includes treating all individuals with respect.

**Attendance.** I expect you to attend lectures and discussion sections. In class assignments and participation points will be given in both, so if you are absent you will miss these points.

**Absences:** If you miss class, you will miss points associated with the activities that we do in class. I will only excuse or modify an assignment if you are absent because of something that is **unforeseeable and out of your control**. Work and other classes are not unforeseeable, even if schedules are out of your control. Illness, serious injury, family emergencies are considered unforeseeable and out of your control. But, you need to let me know ASAP to make up activities. Summer quarter moves very quickly! Please talk to me on an individual basis if you have any questions or concerns.

**Clickers:** We will be using clickers in lecture. You can use any version of the clicker, purchase a used clicker, or borrow a clicker from a friend (who is not enrolled in this class). If you purchase a clicker, you can sell it after this class is over. If you do not have a clicker on the first day you can submit answers via paper **ON THE FIRST DAY ONLY**. We will not accept paper clicker answers after the first day. It is your responsibility to make sure that your clicker is registered (**on CANVAS**) and that it is functioning during class.

If you bring another student's clicker to class and answer for them, this is considered **academic dishonesty** and you will be dealt with accordingly (see **Academic Integrity** section). You only need to get 80% of the clicker points to get the full 50 points for the semester. So, if you forget your clicker one day, are in the restroom while a question happens, etc, don't worry, as long as this doesn't happen frequently. You cannot get above 100% for the clicker points.

**Midterm and Final:** If you miss a midterm for an **excused** absence (see absences), then your final, quiz and other midterm will count towards your course grade in place of the missed midterm. You may also have a few extra questions on the final to make up for content not represented on the final exam. You cannot miss the final. There is no time to make up the final in summer quarter, so you cannot miss it. The final will be partially cumulative, be weighted towards things covered in the later parts of the quarter. If you have an extenuating circumstance that causes you to suddenly miss the final (i.e. your appendix bursts) you will be given an essay exam to make up the final, and likely an incomplete until this exam is made up. Paper documentation needs to be provided as soon as possible to make up exams for excused absences.

You will only be able to review your exams during the designated discussion time. If you cannot make that time, then you need to email Dr. Butler **AHEAD OF TIME** (i.e. before exams are handed back in discussion) to schedule another time to look at your exam. You will not be able to look at your midterms later in the quarter.

### Grading

You can receive up to 500 points in this class. 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.

<b>iClickers</b>	50
<b>Lecture Reflections</b>	40
<b>Quiz</b>	25
<b>Midterm 1</b>	100
<b>Midterm 2</b>	100
<b>Discussion Activities</b>	35
<b>Final</b>	150
<b>Total</b>	<b>500</b>

In general, I use this to determine final grades:

A	92 - 100 %	C+	78 - 79 %	D-	60 - 61 %
A-	90 - 91 %	C	72 - 78 %	F	0 - 59 %
B+	88 - 89 %	C-	70 - 71 %		
B	82 - 87 %	D+	68 - 69 %		
B-	80- 81 %	D	62 - 67 %		

### Schedule

Here is a tentative schedule of topics. We may get a little behind or ahead of schedule, but I will do my best to stick to this. Exam dates will not change and will be based off of the content that has already been covered. The topics and activities in discussion sections will complement the lectures.

Lecture	Date	Topic			Chapters
1	6-Aug	Intro to Biology	Natural History	Natural Selection	1, 22
2	8-Aug	Evolution	Genetics & HWE	Origins of life	23, 24, 25
3	13-Aug	Quiz	Speciation	Phylogenies	Bacteria
4	15-Aug	Midterm 1		Protists	Fungus
5	20-Aug	Evolution of Plants	Early Animals	Invertebrates	29, 30, 32, 33
6	22-Aug	Fish	Transitioning to Land	Tetrapods (through reptiles)	34
7	27-Aug	Mammals	Primates, Human Evolution	Biodiversity	34
8	29-Aug	Midterm 2		Antipredator behavior	Physical Environment
9	3-Sep	Organismal Biology: LHS	Population Ecology	Community Ecology	53, 54
10	5-Sep	Nutrients & Ecosystems	Humans & Climate Change	Diet Choice	55, 56
	7-Sep	Final Exam			

**Cheating.** Don't. There are very few things that are a bigger waste of everyone's time than cheating. Any student caught cheating will receive an F in the course. For information on academic integrity at UCSD: <http://www-senate.ucsd.edu/manual/appendices/app2.htm>

**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](mailto: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. 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>

**Cell phone use:** Please silence your phone during class and keep them away. I may occasionally have you look something up or use your phone to do something in class (if you have one), but other than that, keep the phone away. \*\*if you have some sort of familial responsibility that requires you to have your phone out, please let me know (not need to explain!) and I will be understanding. Other than that, text and do other phone things during the breaks!

**Video/Audio recording:** You may not video or audio record lectures. Do not take pictures or videos during lecture. I post all slides within 24 hours after the lecture so that you can study from them. If we do an activity on the board, I will photograph it and post in slides. You should refrain from taking pictures during class, unless given permission.

**Leaving during lecture:** You are all adults, so you do not need to ask to go to the bathroom. However, weigh that with the fact that leaving the class is disruptive. I will give a break each period, so do your best to use these times to take care of bathroom/snack/refilling water.

**Classroom behavior:** Be attentive and respectful towards your instructor and fellow students. If you are doing something that is distracting to me or other students, I will ask you to stop.

**Tolerance:** We will be tolerant and inclusive to all people in my classroom. Any hateful speech, acts, or clothing will not be tolerated. This includes racism, homophobia, sexism, ableism, etc. If you engage in these behaviors, I will ask you to leave the class and you will receive 0 points for the day.

### **Resources for student support**

The University of California has a lot of resources for students experiencing 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.

**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.

**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>

**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/centers/index.html>

**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.

**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>