

## BIEB 102 General Information, Summer I 2018

**INTRODUCTORY ECOLOGY: ORGANISMS & HABITATS.** 4 units. BIEB 102 is an introduction to ecology with an emphasis on the principles that shape organisms, populations, and ecosystems. Topics to be discussed include the physical environment, weather, biodiversity, population ecology, and interactions between species. BILD 3 is a prerequisite for this course.

### Instructor:

Dr. Shannon Butler

Pronouns: She/her

Office hours: Tuesday 12-1pm, or by appointment

Office location: 354 Galbraith Hall

Email: s3butler@ucsd.edu

### Instructional Assistant:

Sara Sandoval (Sara)

Pronouns: She/her

Office hours: Mondays 2:00pm to 3:00pm, Thursdays, 12:30pm to 1:30pm

Office hour location: Cubicle 4 in Geisel East Commons

Email: sssandov@ucsd.edu

### Schedules:

#### Intro Ecogy/Organisms&Habitats ( 4 Units)

Sum Sess I 2018: July 02 2018 - August 04 2018

|        | LE | A00          | TuTh | 2:00p-4:50p   | CSB   | 002 |
|--------|----|--------------|------|---------------|-------|-----|
| 940474 | DI | A01          | MW   | 11:00a-11:50a | CENTR | 207 |
| 940475 | DI | A02          | MW   | 12:00p-12:50p | CENTR | 207 |
| 940476 | DI | A03          | MW   | 1:00p-1:50p   | CENTR | 207 |
|        | FI | 08/04/2018 S |      | 3:00p-5:59p   | TBA   | TBA |

|    |     |        | Lecture                                 |
|----|-----|--------|---|
| Tu | L1  | 3-Jul  | Physical environment, Climate & weather |
| Th | L2  | 5-Jul  | Biodiversity & Niches                   |
| Tu | L3  | 10-Jul | Nutrient Cycling                        |
| Th | L4  | 12-Jul | Life history traits                     |
| Tu | L5  | 17-Jul | Interspecific interactions              |
| Th | L6  | 19-Jul | Midterm                                 |
| Tu | L7  | 24-Jul | Biogeography activity                   |
| Th | L8  | 26-Jul | Population Ecology                      |
| Tu | L9  | 31-Jul | Physiological Ecology, Plasticity       |
| Th | L10 | 2-Aug  | Behavioral Ecology                      |
|    |     | 4-Aug  | Final Exam                              |

The topics and activities in discussion sections will complement the lectures.

**Textbook:** I will loosely be teaching from Ricklef's Economy of Nature. Having access to this textbook is encouraged, but optional. There are 4 copies on reserve at the Library that you can use to study for a couple of hours at a time while the library is open. You can acquire used copies on Ebay, Amazon, etc, or share with friends.

**Slides and course materials:** I will be using TritonEd to post course material and slides. Slides will be posted within 24 hours AFTER the lecture. You will get Learning objectives on a weekly basis that you can use to study from. 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 will be collected 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**. Please talk to me on an individual basis if you have any questions or concerns.

**Clickers:** We will be using clickers in both lecture and discussion. 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. We will not accept paper clicker answers after the first day. It is your responsibility to make sure that your clicker is registered (on TritonEd) and that it is functioning during class. If you have a problem with your clicker you must talk to me or the IA at the end of that class period. 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).

**Midterm and Final:** If you miss the midterm for an **excused** absence (see absences), then your final will count towards your course grade in place of the midterm. You cannot make up the final. If you miss the final for any reason you will receive a 0. The **Midterm is in class on July 19<sup>th</sup> and the Final at 3-6pm on August 4<sup>th</sup>**, location TBD

**Regrades:** If you believe that a question was graded unfairly on the midterm, you must submit a regrade request during the discussion section that you are given back your exams.

**Extra Credit:** There will be 2 opportunities for extra credit: 1) if you bring me a cardboard egg carton, you can have 1-2 points extra credit on the MIDTERM: 1 point for 2x6 cartons and 2 points for 5 x 6 cartons. **Turn in by July 12<sup>th</sup>.** Each student may only receive credit for one egg carton. You can bring me as many egg cartons for no points as you'd like. 2) on the FINAL, the whole class will receive 1 point extra credit if at least 75% of students fill out the teaching evaluations, or 2 points if at least 85% of students fill out the evaluation.

## Exams and grading

|                           |     |
|---------------------------|-----|
| In class work             | 30% |
| Clickers                  | 10% |
| Participation/Citizenship | 5%  |
| Midterm                   | 25% |
| Final                     | 30% |

**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>

**Accomodations 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) PLEASE 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>

## Resources for student support

The University of California has a lot of resources for students experiencing non-academic problems. It is your responsibility to utilized 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>