

**Remote
Learning
Addendum**

Due to the recent COVID-19 outbreak, we will not be meeting remotely for class this term. As such, we need to be more flexible with exam scheduling/format, with virtual class meetings, and with class in general. Please be patient with me, yourself and your classmates as we slowly figure out how to engage online. The contents of this syllabus, with respect to schedule, assignments and meetings are **tentative only**. I will always communicate any changes to the schedule, assignments, etc. at least 1 week in advance.

While meeting remotely, the primary sources of communication for the class will be Zoom, D2L and email. **Please regularly check your PSU email.** PPTs and recordings of lectures will be posted on D2L, as long as I can reliably upload them and students are reliably watching them. In the event prerecorded lectures don't work, I will give lectures via Zoom. Students will also be expected to participate in small discussion groups that Dr. Kautz and our lecture TA Robyn Dove will set up via Zoom on D2L.

We will use Zoom for virtual meetings and recordings in this course. Your use of Zoom is governed by the [Acceptable Use Policy](#) and PSU's [Student Code of Conduct](#). A record of all meetings and recordings is kept and stored by PSU, in accordance with the Acceptable Use Policy and FERPA. Individual use and distribution of recording is limited to academic purposes.

Attendance: "The unique "remote delivery" of this course, is distinct from the online format. Regular attendance during our normal course period (Mon/Wed 6:40-8:30 pm) is expected, with limited exception given only to students experiencing intermittent health, childcare and, connectivity issues. Students who anticipate experiencing regular connectivity issues should contact me immediately. Do not take this course if you cannot commit to regular attendance.

Office Hours: I will hold office hours via Zoom. To avoid using bandwidth unnecessarily, I will schedule office hours on an as needed basis to individuals or groups. This may change with the term as need be.

Required Material:

Learning for spring term will be both synchronous (us all meeting together via Zoom) and asynchronous (accessing information from D2L, participating in online discussions, taking quizzes, etc. on D2L)

- 1) Download the ZOOM app to your computer and test it for functionality before the start of class
- 2) The ability to access to D2L and access a computer for taking quizzes, typing papers etc.

If you do not have reliable internet access, there are a number of companies offering free access for the next 60 days at least. Please contact me and I can send you the information.

Course Description	<p>The Principles of Biology sequence (Bi 211, 212, and 213, along with labs Bi 214, 215 & 216) introduces the foundations of life science. In Bi 213 and 216, we examine how biotic and abiotic factors impact living organisms and the physiological underpinnings that allow organisms to survive. Specific topics include physiology, organismal systems (water balance, gas exchange, nervous, circulatory, endocrine), global, community and population ecology, biodiversity and conservation.</p> <p>Co-requisite: Bi 216 Principles of Biology Lab</p> <p>4 Credit hours</p>
Instructor	<p>Dr. Stefanie Kautz; email: skautz@pdx.edu</p> <p>Please DO NOT use the online course resource (D2L) email address to contact me. Please use skautz@pdx.edu</p> <p>Office hours remotely via zoom</p>
Lecture TA	<p>Robyn Dove; email: drobyn@pdx.edu</p> <p>Office hours remotely via zoom</p>
Required items	<p><u>Text</u>: 'Biological Science' by Scott Freeman, 7th edition (Pearson); access code not required, 6th edition will also suffice. The PSU book store has different options for paper books, while vitalsource.org is a good resource for ebooks. Keep in mind that the entire series of Principles of Biology spans 3 terms and exceeds a 180 day period, if you choose to use an ebook and still have to take Bi211 and Bi212.</p> <p><u>Exams</u>: will be held online (via the quiz option in d2l)</p> <p><u>Optional</u>: "Study Guide for Biological Science" 6^e. "Mastering Biology" access code TBD or</p> <p>7^e Mastering Biology" access code TBD</p>
Course Web Page	<p>The PSU online resource "D2L" will be used for posting course materials and grades. Log in at https://d2l.pdx.edu with your PSU username and password. Material will be posted by 4 pm on the day of the lecture.</p> <p>Problems with D2L access should be directed to OIT:</p> <p>Phone 24 hours a day, 7 days a week 503-725-HELP (4357)</p> <p>Helpdesk Email Technology Questions & Concerns help@pdx.edu</p> <p>Location Mon-Fri 8:00 a.m.-7:00 p.m.</p> <p>Smith Memorial Student Union</p> <p>Room 18 (basement level)</p> <p>1825 SW Broadway</p> <p>Portland, OR 97201</p>
Lectures	<p>Mondays and Wednesdays 6:40 pm – 8:30 pm on d2l</p>
Labs	<p>Bi 216 is a co-requisite lab course for Bi 213. Though the course has a separate instructor and you'll receive a separate grade, you must register for Bi 216 in addition to Bi 213. <u>You must attend the first lab to maintain your spot in this class. You may be dropped from the course if you do not arrive in the first 15 minutes. Alternative rules might apply during times of remote teaching and have to be inquired with your respective lab TA and the lab instructor Dr. Erin Shortlidge. eshort@pdx.edu</u></p>

Learning Objectives

- Define and discuss correlations between form and function in organisms
- Compare and contrast major organ systems of different animal groups
- Explain physiological processes in animals
- Discuss how organisms interact with each other and their environment
- Compare and contrast different levels of ecology
- Understand basic global cycles
- Effectively utilize the vocabulary of anatomy, physiology, and ecology

Exams

There will be three class exams (50 multiple choice questions) and a final exam (80 multiple choice questions). Exams will cover subjects and vocabulary presented in lecture or lab, whether that material is in the textbook or not. Furthermore, you are expected to know what is in the assigned reading, even if we don't cover that material in lab or lecture. Do not take this course if you cannot attend all 4 exams (remotely) during scheduled times. See schedule below for exam dates and times. **No makeup exams will be given for any reason whatsoever. Do not take this course if you cannot commit to regular attendance or cannot attend exams or in class activities.**

Important Dates

April 15	Exam 1 (6:40-7:40 pm online)
April 22	Small groups 1a
April 29	Small groups 1b
May 06	Exam 2 (6:40-7:40 pm online)
May 11	Small groups 2a
May 18	Small groups 2b
May 25	Memorial Day (no class)
June 3	Exam 3 (6:40-7:40 pm online)
June 8	Final Exam (Monday, 7:30 pm to 9:20 pm online)

A detailed academic calendar can be viewed here
<http://www.pdx.edu/registration/calendar>

Grading

Item	Points (each)	Points (total)	Percent
Online quizzes (15)*	5	70	25 %
Small groups (4) **	10	30	10 %
Lecture Exams (3)**	50	100	40 %
Final Exam (1)	80	80	25 %
Total			100 %

* two lowest scores in this category will be dropped

** lowest score in this category will be dropped

93-100%= A, 90-92.9%=A-, 87-89.9%= B+, 83-86.9%= B, 80.0-82.9%=B-, 77-79.9%= C+, 73-76.9%= C, 70-72.9%=C-, 67-69.9%= D+, 63-66.9%= D, 60-62.9%=D-, 0-59.9%= F.

There will be no exceptions or bumping up of grades for being "close".

Small group exercises	<p>There will be four small group exercises (see schedule for dates). The lowest score from these exercises will be dropped. If you miss one of these exercises for any reason, that score will be dropped as your lowest. There will also be d2l online quizzes before each activity (as part of the reading quizzes).</p> <p>Missed group exercises cannot be made up.</p>
Online Quizzes	<p>Throughout the course there will be 16, 5-point online reading quizzes. They are to be taken through d2l. These quizzes must be completed before each lecture to get the points. There will be no make-up or late quizzes. Quizzes will be posted 48 hrs before class. Once you begin the quiz, you will have 30 minutes to complete the quiz. You may not take multiple attempts at the quiz.</p>
Disability	<p>If you have a disability and are in need of academic accommodation: <u>first</u> register with the Disability Resource Center (503) 725-4150, http://www.drc.pdx.edu, <u>then</u> notify Dr. Kautz to make appropriate arrangements.</p> <p>To ensure all students with disabilities receive the accommodations they are entitled to, Dr. Kautz needs advance notice that you plan on using them. To guarantee accommodation, please confirm that Dr. Kautz has received your accommodation letter from the DRC, and notify her at least a week before the exam date with specific testing arrangements.</p> <p>Note: Students with testing accommodations <u>must</u> take their exams at the same day and overlap with the time period as class exams. For remote exams, exams have to be taken at the same time and extended times will be provided.</p>
Academic Courtesy	<ol style="list-style-type: none">1. Students are expected to arrive for class <u>on time</u> so that lectures start and end according to schedule.2. Respect the rights of fellow students during the class period.3. Please avoid talking or other distracting behavior, and turn phones off.4. Everyone is expected to help maintain the appearance of the classroom. After class, all trash should be removed and discarded appropriately.
Academic Honesty	<p>Cheating or plagiarism of any kind will not be tolerated. See the PSU "Code of Student Conduct and Responsibility" for more information: http://www.pdx.edu/dos/codeofconduct. If cheating is observed, the grade for the assignment will be a "0", and cannot be dropped as a lowest score. The student will be reported to University officials as described in the Code (577-031-0142: Procedures for Complaints of Academic Dishonesty). In a second instance of cheating, a "0" will be given for the course.</p>
Safe Campus Module	<p>Portland State University is committed to creating a safe campus for all students, and as part of this you are required to complete the Safe Campus Module in D2L. Log in to D2L, and under "My Courses," you'll find a sub-tab titled "Ongoing." Under the "Ongoing" sub-tab, you will see a course titled "Creating a Safe Campus." Click on this course and follow the prompts to complete the module.</p>

Title IX Statement	<p>Portland State is committed to providing an environment free of all forms of prohibited discrimination and sexual harassment (sexual assault, domestic and dating violence, and gender or sex-based harassment and stalking). If you have experienced any form of gender or sex-based discrimination or sexual harassment, know that help and support are available. PSU has staff members trained to support survivors in navigating campus life, accessing health and counseling services, providing academic and on-housing accommodations, helping with legal protective orders, and more. Information about PSU's support services on campus, including confidential services and reporting options, can be found on PSU's Sexual Misconduct Prevention and Response website at: http://www.pdx.edu/sexual-assault/get-help or you may call a confidential IPV Advocate at 503-725-5672. You may report any incident of discrimination or discriminatory harassment, including sexual harassment, to either the Office of Equity and Compliance or the Office of the Dean of Student Life.</p> <p>Please be aware that all PSU faculty members and instructors are required to report information of an incident that may constitute prohibited discrimination, including sexual harassment and sexual violence. This means that if you tell me about a situation of sexual harassment or sexual violence that may have violated university policy or student code of conduct, I have to share the information with my supervisor, the University's Title IX Coordinator or the Office of the Dean of Student Life. For more information about Title IX please complete the required student module Creating a Safe Campus in your D2L.</p>
Emergency Information	<p>If you are off campus or walking to campus dial 911. PSU 24 hour Campus Safety: emergency 503-725-4404, non-emergency 503-725-4407</p>
Other PSU Resources	<p>Student Health and Counseling: 503-725-2800, https://www.pdx.edu/shac/ Women's Resource Center: 503-725-5672, http://www.pdx.edu/wrc/ Global Diversity and Inclusion, 503-725-5919, http://www.pdx.edu/diversity/ C.A.R.E Team: http://www.pdx.edu/dos/care-team</p>
Creating an equitable learning environment	<ul style="list-style-type: none"> • Discussion in this class will be conducted in adherence to the University nondiscrimination policy. • We should respect diverse points of view. We do not need to come to an agreement on any particular issue: we can agree to disagree. • Our use of language should be respectful of other persons or groups. (As your instructor, I will not let injurious statements pass without comment.) • You need not represent any group, only yourself, though you may choose to represent a group if you wish. • If you feel uncomfortable about any aspect of the class environment, it is your responsibility to discuss it with the instructor.
Tips For Success	<ol style="list-style-type: none"> 1. Be an active learner. Read the book ahead of each lecture. Attend all lectures. <u>You are responsible for all topics discussed in the lecture, even if they do not appear in the notes.</u> Take notes during class – do not rely on the printed-out class notes alone. Write down questions that come to

mind during the lecture. Identify points in the lecture that you think are the main points. Review your notes after class, incorporating details that you remember but didn't get written down. While you are reading the textbook, take time to think about what you are reading. How does it fit with what you know already? Combine the information from the lecture and the text into one set of complete notes to review and study. Consider using the Cornell System of note-taking and review: a simple but powerful method for studying. See: <http://lsc.cornell.edu/wp-content/uploads/2015/10/Cornell-Note-Taking-System.pdf>.

2. **Figure out and use your learning strengths.** Learning styles vary from person to person. You might do your best studying through reading, writing, drawing, or through discussion with fellow students. Most likely, it will take some of each to be most successful. Experiment, and use the techniques that work best for you.
3. **Spend time on this course.** Schedule and spend time reading and reviewing course materials. Revisit your notes and think about the logical structure underlying the subjects. Plan on spending a significant amount of time (**20-30 hours/week**) working on this course. Later topics build upon earlier portions of the course: please do not let yourself fall behind.
4. **Ask for help if you need it.** Come to my office hours, talk to your TA, find a study partner or study group, use the Discussions board on D2L, etc. You'll make the best progress when you work to identify the areas you need to work on and are active about seeking guidance.
5. **Use the University resources.** Campus services are available to help you with all aspects of your education, see <http://www.pdx.edu/studentaffairs>. PSU's undergraduate advising website is <http://www.pdx.edu/advising>. The Undergraduate Advising and Support Center (UASC), 425 Smith Center, <http://www.pdx.edu/advising/academic-resources-and-services>, offers academic advising and referral, academic support programs, community college relations, disability resource center, athletics advising, study skills workshops, tutorial programs, and student veteran services. The Peer Tutoring and Learning Center offers tutoring in many subjects (including Biology), as well as various workshops, see <http://www.pdx.edu/tutoring/>.

Week	Dates	Scheduled Topics ¹	Reading
1	M Mar 30 W Apr 01	Introduction, Syllabus Chapter 39 Animal form & function Chapter 40 Water & electrolyte balance (not 40.4)	Chapters 39 & 40
2	M Apr 06 W Apr 08	Chapter 41 Nutrition (not 41.2) Chapter 42 Gas exchange	Chapters 41 & 42
3	M Apr 13 W Apr 15	Chapter 43 Nervous system W: Hour Exam 1 W April 15 (Chapters 39, 40, 41, 42, 43) 6:40-7:40 pm online	Chapters 43
4	M Apr 20 W Apr 22	Chapter 44 Sensory systems Chapter 45 Animal movement W: Small groups (Endocrine disrupting chemicals)	Chapters 44 & 45, media article
5	M Apr 27 W Apr 29	Chapter 46: Chemical signals W: Small groups (Endocrine disrupting chemicals)	Chapters 46, peer- review paper
6	M May 04 W May 06	Chapter 49: Intro. to ecology Hour Exam 2 on W May 06 (Chapters 44, 45, 46, 49, EDCs) 6:40-7:40 pm online	Chapter 49
7	M May 11 W May 13	M: Small groups (Carbon Taxation) Chapters 54: Biodiversity & conservation Chapter 50: Behavioral ecology	Ch 54 & 50, media article
8	M May 18 W May 20	M: Small groups (Carbon Taxation) Chapter 51: Community ecology	Ch. 51, peer-review paper
9	M May 25 W May 27	Monday: Memorial Day (no school, Monday labs will be rescheduled) Chapter 52: Population ecology	Chapter 52
10	M Jun 01 W Jun 03	Chapter 53: Ecosystems Hour Exam 3 W June 03 (Ch. 50, 51, 52, 53, 54, Carbon tax) 6:40-7:40 pm online	Chapter 53
Finals	M Jun 08	Final Exam: Comprehensive. 7:30 pm – 9:20 pm online	

¹ Lecture topics may change from those listed in the syllabus

** There are 4 test lab sections that will be doing a different project on indicated lab days

Before you print out the lecture slides, please consider if you really need them printed – conserve paper and trees! If you do print, print double-sided with multiple slides per page.