

ECOSPHERE IN CRISIS

Biology 104, Spring 2014
9:10-10:10 MWF Clow 102
Dr. Bob Stelzer

Contact information

<u>Office Hours</u>	<u>Location</u>	<u>Phone</u>	<u>e-mail</u>
Mon. 10:30-11:30 Wed. 11:30-12:30 and by appointment	Halsey 150	424-0845	stelzer@uwosh.edu

Required materials

Lecture—

**Environmental Science: A Global Concern* by William P. Cunningham and Mary Ann Cunningham (12th edition). You can purchase either the hardcopy or electronic version (ebook).

*Connect (necessary for on-line access to lecture quizzes)

Lab—

* see your lab instructor

I recommend purchasing the Connect Plus (ebook + Connect). You can do this on-line at McGraw-Hill.

http://connect.mcgraw-hill.com/class/r_stelzer_spring2014

The following is a promotional code that can be used for a \$15 dollar savings (it will only work if you purchase Connect Plus): SpringStudent

If you already have the hardcopy version of the textbook another option would be to just purchase Connect, which you can also do on-line at http://connect.mcgraw-hill.com/class/r_stelzer_spring2014

The university book store in Reeve sells the hardcopy version of the textbook and Connect as a bundle.

If you purchase this bundle you will be given a code that will allow you to access Connect (use web address given above)

Course objectives

1. To understand the ways in which humans affect the environment and the ways in which the environment affects humans
2. To be able to apply knowledge of interactions between humans and the environment to new events and scenarios
3. To be able to identify environmental problems and opportunities and to consider ways to address them
4. To gain an introductory knowledge about the role of science and scientists in environmental issues
5. To broaden your horizons. Some of you may go on to become environmental scientists. Most of you will probably pursue different careers. If you take this class seriously, it will contribute to a broad-based liberal arts education that UW- Oshkosh offers. The breadth of a liberal arts education allows you to make informed decisions based on knowledge from a wide range of disciplines (e.g. philosophy, art, history, economics, science). And, it will allow you to have more interesting conversations at parties ☺

If you want to do well in this class I recommend that you:

1. Do not miss lecture or lab!
2. Take careful notes
3. Read all of the assigned chapters from lecture

4. Keep up with the quizzes (Connect). Due dates for on-line quizzes are indicated with an asterisk in the lecture schedule in this syllabus
5. Use your notes and readings to study and synthesize the material for the exams.
6. Participate fully in all lab activities.
7. Take advantage of opportunities for obtaining help outside of class (see more information below).

In lecture we will not cover all of the material in the textbook but we will emphasize important aspects of your reading assignments. You will also be introduced to other material not found in your textbook. I will post an outline of each lecture on D2L, usually the day before the material is covered in class.

Lecture exams will include material from lecture *and* from your textbook, with emphasis on lecture. Material from lab will *not* be included on lecture exams. Your exam grades will be posted on D2L, typically within two to four days after an exam.

You will receive a single grade for Bio 104. Your lecture percentage will contribute 2/3 towards your overall percentage. Lab will contribute 1/3 towards your overall percentage.

The point distribution for lecture is as follows:

<u>Activity</u>	<u>Possible Points</u>
Exam 1	100
Exam 2	100
Exam 3	100
Exam 4	100
Quizzes	50

Grading Scale

Final grades will be assigned based on the following grading scale:

A 91-100 A- 89-90 B+ 87-88 B 80-86 B- 78-79 C+ 76-77

C 70-75 C- 68-69 D+ 66-67 D 60-65 D- 58-59 F <58

Make up Exam Policy

Exams must be taken at their scheduled dates and times as indicated in the Lecture Schedule. Make-up exams will be given only if there is a valid, documented excuse for missing the scheduled exam (e.g., debilitating illness accompanied by a physician's note). To be eligible to take a make-up exam a student must notify the lecture instructor within one day after the scheduled exam. If you know that you will miss an exam ahead of time for a university-sanctioned event (e.g. athletic competition, Model UN Meeting), military obligation, or medical reason you will need to notify the instructor before the scheduled exam to arrange to take a make-up exam.

Vacations, attending weddings, and oversleeping are examples of invalid excuses for missing an exam. If you miss an exam with an invalid excuse you may or may not be granted permission to take a make-up exam. If you are allowed to take a make-up exam and have an invalid excuse you will receive a 25% point deduction on the exam. All make-up exams will be administered in the Testing Center, seven days after the scheduled exam date (the make-up exam for the March 17 exam will take place on March 21). It is the responsibility of the student to contact the lecture instructor about scheduling a make-up exam. Make-up exams will not be identical to regular exams. Your lab instructor will provide information about the policy for missed lab activities.

Students with Disabilities: Students who have disabilities who wish to request academic adjustments should notify Disabilities Services so that appropriate accommodations can be made. For more information contact Disabilities Services in the Dean of Students Office (www.uwosh.edu/deanofstudents/disability-services) or see your instructor.

Academic Integrity: If you decide to cheat on an exam or to engage in other forms of academic dishonesty you will be subject to the Student Academic Disciplinary Procedures as outlined in the Student Disciplinary Code-www.uwosh.edu/stuaff/images/student-discipline-code.

Cell phones

Cell phones or similar hand-held devices must be turned off and packed away at all times during the lecture period. If you need to have a cell phone on for some urgent reason (e.g. to receive an emergency message) you will need to ask about this ahead of time and turn your phone to the vibrate setting.

Academic Assistance

There are several ways to receive academic assistance in Bio 104.

First, for lecture you can speak with Professor Stelzer in class or arrange to meet with him outside of class. For lab please contact your lab instructor.

Second, you can attend Supplemental Instruction (SI) sessions that will be led by Mr. Corey Santorello, a graduate student in the Department of Biology. The SI sessions will take place Tuesdays and Thursdays, from 5:00 to 6:30 p.m. in Halsey 270.

Supplemental Instruction, which is part of the CAR (see below) consists of regularly scheduled review sessions for students enrolled in many courses with high enrollments. It provides students a chance to get together with other students in the class to compare notes, discuss important concepts, develop strategies for studying and test themselves. The sessions are facilitated by a trained SI Leader.

Third, The Center for Academic Resources (CAR) provides free, confidential tutoring for students in most undergraduate classes on campus. CAR is located in the Student Success Center, Suite 102. Check the Tutor List page on CAR's website (www.uwosh.edu/car) for a list of tutors. If your course is not listed, click on a link to request one, stop by SSC 102 or call 424-2290. To schedule a tutoring session, simply email the tutor, let him/her know what class you are seeking assistance in, and schedule a time to meet. Tutoring takes place in SSC 102. Visit the website for more information.

Technical Support for Connect

Phone: 1-800-331-5094

Hours of Operation (All Times Central)

Sunday - 12:00pm to 11:00pm

Monday-Thursday - 8:00am to 11:00pm

Friday - 8:00am to 6:00pm

Saturday - 10:00am to 4:00pm

Date	Reading Assignment (Chp)	Topic
Feb 3	pp 1-11	Introduction
Feb 5	1	Ethics
Feb. 7	2	Scientific Discovery
Feb. 10	1	History of Environmental Science
Feb. 12	3	Matter, Energy & Life*
Feb. 14	4	Species and Communities
Feb. 17	5	Ecosystems*
Feb. 19		<i>Exam Review</i>
Feb. 21		Exam 1
Feb. 24	13	Restoration Ecology
Feb. 26	6	Population Dynamics*
Feb. 28	7	Human Populations
March 3	9	Food and Agriculture*
March 5	10	Pest Control in Agriculture
March 7	11	Biodiversity I
March 10		Biodiversity II
March 12		<i>Exam Review</i>
March 14		Film— <i>Food Inc.</i>
March 17		Exam 2
March 19		Invasive Species
March 21	12	Land Use and Conservation*
March 24-28		Spring Break!
March 31	17	Water Quantity and Use
April 2	18	Water Quality*
April 4		Great Lakes Water Issues
Apr. 7	15	Climate and Global Climate Change*
Apr. 9		Effects of global warming on ecosystems
Apr. 11		Guest Lecture: Dr. Tracy Slagter "The International Politics of Climate Change"
Apr. 14		<i>Exam Review</i>
Apr. 16		Exam 3
Apr. 18	16	Air Pollution
Apr. 21	19	Conventional Energy*
Apr. 23	20	Sustainable Energy
Apr. 25	22	Urbanization & Growth of Cities*
Apr. 28	21	Solid Waste
Apr. 30	21	Waste Reduction and Recycling*
May 2	23	Ecological Economics
May 5		Topic to be announced
May 7	24	Environmental Policy*
May 9		Guest Lecture: Dr. Steve Dunn "Is there a business case for sustainability?"
May 12		<i>Exam Review</i>
May 14		Exam 4

