



CAMPBELLSVILLE UNIVERSITY

COURSE SYLLABUS

PLEASE TYPE.

DATE January 17, 2017

ACADEMIC UNIT Natural Science

FACULTY Amy Berry

☐ Please check to indicate this course has a service learning component.

Discipline	Course# Section	Title of Course	Credit Hours	Cross Reference (if applicable)
BIO	103-01/02	Environment and Man	3	

TEXTBOOK



Required



Not Required

Author Cunningham & Cunningham

Title Environmental Science: A Global C

Publisher McGraw Hill

Date of Publication _____

WORKBOOK

Author _____

Title _____

Publisher _____

Date of Publication _____

PLEASE ANSWER THE FOLLOWING QUESTIONS ON A SEPARATE SHEET OF PAPER AND ATTACH TO THIS FORM.

1. DESCRIPTION OF COURSE: Develop a brief description of the course as it will appear in the Catalog.
2. STUDENT LEARNING OBJECTIVES: List the student learning objectives for the course. Please relate these objectives to the mission and goals of the University and the Academic Unit. For general education courses, please indicate which student learning objectives address general education goals and the intended method of assessment. A minimum of four of the seven general education goals must be included.

Example: Students will demonstrate their ability to compare and contrast two types of basket weaving. (Goal: Oral and Written Communication; Evidence: research paper and class presentation)
3. COURSE OUTLINE: Outline the topics/units that are to be taught.
4. EVALUATION: How do you plan to determine the grade in the course? Please include grading scale.
5. REQUIREMENTS:
 - a. Examinations: State when tests are to be administered, including unit, mid-term, and final examinations.
 - b. Reports: How many, length required, and what type (Oral, term and/or research, book critiques).
 - c. Supplemental reading assignments or outside work required.
 - d. Supplemental instruction aids: Audio visual aids, field trips, guest speakers, etc.
6. BOOKLIST

DEAN Michael K. Page

Date Copy Received 1/19/2017

VICE PRESIDENT FOR ACADEMIC AFFAIRS

Date Copy Received _____

Campbellsville University
Spring 2017

Environment and Man, Bio 103

Instructor: Amy Berry SSC 103, 270-789-5420 ext. 5420

alberry@campbellsville.edu

Textbook: Environmental Science: A Global Concern, 13th ed.

By Cunningham and Cunningham/ McGraw-Hill Publishers

1. Description of Course:

This is an examination of the human relationship to the environment with an emphasis on current environmental problems. This is a general education course and does not count toward a major or minor in Biology.

2. Course Objectives:

1. Students will be able to better understand the natural world and human interaction with it.
2. Students will enhance their understanding of environmental science, thus contributing to their ability to think critically and make responsible decisions regarding their impact on the environment.
3. Students will develop an appreciation for the functional and aesthetic significance of the Earth and its resources.
4. Students will demonstrate an understanding of Christian values and ethical standards in order to make mature and informed decisions concerning moral issues.
5. Students will demonstrate an understanding of personal and social responsibility in a changing global environment so that they can make contributions to their respective disciplines and to society as a whole.

Course Outline: Broad topics to be covered in this course are

Environmental Science Principles
Environmental Ethics and Philosophy
Science and Logic
Matter, Energy, and Life
Populations, Communities, and Ecosystems
Population Dynamics
Human Populations
Ecological Economies
Food and Agriculture
Air, Weather, and Climate
Air Pollution
Water Resources and Pollution
Energy Resources: Conventional and Sustainable
Solid, Toxic, and Hazardous Waste
Deforestation and Other Concerns

3. Evaluation:

The final grade issued in this course will be based on:

2 scheduled exams of 150 points each	300
2 (2 page) papers of 50 points each	100
3 Quizzes of 100 points each	300
1 Individual presentation	100
1 Final Exam	<u>200</u>

Total Possible Points: 1000 pts.

*Note: A total of four quizzes will be given this semester with the lowest score being dropped.

The final grade in the course will be based on a percentage of the points earned on the exams and other materials completed.

90-100%= A
80-89.9%=B
70-79.9%=C
60-69.9%=D
Below 60%=F

4. Requirements:

- I adhere to the University Attendance Policy. Regular and punctual attendance is expected of each student. There are no "excused" absences. At my discretion, tardy attendance will be recorded as ½ absence. Class roll will be taken each lecture meeting. Students absent for more than 4 lectures will be assessed a penalty of 4 points (subtracted from the final grade average) for each additional absence. Students must bring their textbooks to class, and must have read the assigned topic(s) in order to be prepared to participate in discussions.
- It is the student's responsibility to borrow notes and to make up all missed work. Additionally, students are responsible for the relevant material presented in textbook, all handouts, and all videos. Tape recorders are not permitted in lecture.
- There is no excuse for missing a scheduled exam without contacting me ahead of time (preferably within 24 hrs.). With prior notification, arrangements can usually be made to take the exam at an alternate time. There will be NO MAKEUP EXAMS. If you miss an exam for a valid reason, the value of the final exam is increased proportionately. For example, if a student missed one exam, the final would be worth 350 points.
- Cheating will not be tolerated. Punishment will be severe and could result in dismissal from the University. See the University Catalog and Handbook for details. At my discretion, a statement of academic honesty may be required of students on any given class assignment.
- *Classroom disruptions will not be tolerated. There will be no use of cell phones or other electronic devices during the class unless otherwise approved by the instructor.
- I will communicate outside of class primarily via Tigernet emails to your campus email address.

Disability Statement:

Campbellsville University is committed to reasonable accommodations for students who have documented physical and learning disabilities, as well as medical and emotional conditions. If you have a documented disability or condition of this nature, you may be eligible for disability services. Documentation must be from a licensed professional and current in terms of assessment. Please contact the Coordinator of Disability Services at 270-789-5192 to inquire about services.

Campus Security: (cell) 270-403-3611 (office) 270-789-5556

Campbellsville University and its faculty are committed to assuring a safe and productive educational environment for all students. In order to meet this commitment and to comply with Title IX of the Education Amendments of 1972 and guidance from the Office for Civil Rights, the University requires all responsible employees, which includes faculty members, to report incidents of sexual misconduct shared by students to the University's Title IX Coordinator.

Title IX Coordinator:

Terry VanMeter
1 University Drive
UPO Box 944
Administration Office 8A
Phone – 270-789-5016
Email – twvanmeter@campbellsville.edu

Information regarding the reporting of sexual violence and the resources that are available to victims of sexual violence is set forth at: www.campbellsville.edu/titleIX

Daily Schedule: PLEASE NOTE: On occasion a guest lecturer may come and speak on a particular topic. You are still responsible for the days reading assignment as content will be on your tests.

Monday		Wednesday		Friday	
<i>Date</i>	<i>Assigned reading</i>	<i>Date</i>	<i>Assigned reading</i>	<i>Date</i>	<i>Assigned reading</i>
1/16		1/18	Syllabus and Class Overview	1/20	Environmental Science and Carbon Footprint
1/23	Chapter 1: Understanding Our Environment	1/25	Chapter 1: Key People	1/27	Chapter 2: Principles of Science and Systems
1/30	Chapter 3: Matter, Energy and Life	2/1	Chapter 4: Biological Communities and Species Interactions Quiz #1 (Chapters 1-3) Paper #1 Due	2/3	Chapter 4 Continued
2/6	Chapter 5: Biomes: Global Patterns of Life	2/8	Chapter 5 Continued Aquatic Biomes	2/10	Chapter 6: Population Biology

2/13	Chapter 7: Human Populations	2/15	Chapter 8: Environmental Health and Toxicology Quiz #2 (Chapters 4-7)	2/17	Chapter 9: Food and Hunger
2/20	Review for Exam Chapters 1-8	2/22	Exam #1 (Chapters 1-8)	2/24	Presentations
2/27	Presentations	3/1	Presentations	3/3	Presentations
3/6	Chapter 10: Farming: Conventional and Sustainable Practices	3/8	Chapter 10 continued	3/10	Chapter 11: Biodiversity: Preserving Species
3/13	<u>NO CLASS - Spring Break</u>	3/15	<u>NO CLASS - Spring Break</u>	3/17	<u>NO CLASS - Spring Break</u>
3/20	Chapter 11 Continued	3/22	Chapter 12: Biodiversity: Preserving Landscapes Paper #2 Due Quiz #3 (Chapters 8-11)	3/24	<u>Professor Berry is away at Sigma Zeta Convention. No class meeting. Assignment on Tigernet.</u>
3/27	Chapter 12 continued	3/29	Chapter 13: Restoration Ecology	3/31	Chapter 14: Geology and Earth Resources
4/3	Chapter 15: Climate Change	4/5	Chapter 16: Air Pollution Quiz #4 (Chapters 12-15)	4/7	Chapter 17: Water Use and Management

4/10	Review for Exam	4/12	EXAM #2 (Chapters 9-17)	4/14	Easter Break (No Class meeting)
4/17	Easter Break (No Class meeting)	4/19	Chapter 18: Water Pollution	4/21	History of Earth Day "Earth Day!" Meet Clay Hill Critters
4/24	Chapter 19: Conventional Energy	4/26	Chapter 19 Continued. Sustainable Energy	4/28	Chapter 21: Toxic and Hazardous Waste
5/1	Chapter 21 Continued Environmental Justice	5/3	Chapter 25: What Then Shall We Do?"Re-usable bag project"	5/5	Review for Final Exam
5/8	Final Exam for 8:00 a.m. class will be at 8:00 a.m.	5/10	Final Exam for 12:00 p.m. class will be at 11:00 a.m.		