Syllabus Fall 2007
NRES 150: PEOPLE RESOURCES AND THE BIOSPHERE
For Natural Resource Majors:
Lecture: T, Th 2:00-2:50 pm CNR 170

Lecture Instructors	Office Phone	Instructor's Office	E-mail
Dr. Joe Passineau	346-3764	CNR 178	jpassine@uwsp.edu
Dr. Dan Sivek	346-2028	CNR 188	dsivek@uwsp.edu
Dr. Robert Holsman	346-4546	CNR 346	rholsman@uwsp.edu

Graduate Assistant / Discussion Monitor	Office Phone	Office	E-mail
Emily Hill	346-2025	CNR 464	ehill@uwsp.edu

Discussion Instructors	Disc. Room	Sec	Time	Office Phone	Instructor's Office	E-mail
Dr. Mai Phillips	CNR 271	2	T-9:00	346-3786	CNR 184	mphillip@uwsp.edu
Dr. Mai Phillips	CNR 271	3	W-9:00	346-3786	CNR 184	mphillip@uwsp.edu
Dr. Robert Holsman	CNR 271	4	T-10:00	346-4546	CNR 346	rholsman@uwsp.edu
Dr. Joe Passineau	CNR 271	5	W-10:00	346-3764	CNR 178	jpassine@uwsp.edu
Emily Hill	CNR 271	6	R-10:00	346-2025	CNR 464	ehill@uwsp.edu
Dr. Joe Passineau	CNR 271	7	W-11:00	346-3764	CNR 178	jpassine@uwsp.edu
Emily Hill	CNR 271	8	R-11:00	346-2025	CNR 464	ehill@uwsp.edu
Dr. Dan Sivek	CNR 271	9	W-1:00	346-2028	CNR 188	dsivek@uwsp.edu
Dr. Dan Sivek	CNR 271	10	W-2:00	346-2028	CNR 188	dsivek@uwsp.edu
Dr. Mai Phillips	CNR 271	11	W-3:00	346-3786	CNR 184	mphillip@uwsp.edu

1. COURSE DESCRIPTION AND GOALS: PEOPLE, RESOURCES AND THE BIOSPHERE

a) This course will explore the natural, social, and economic factors that influence the quality of our environment; ecological relationships and principles; the compounding factors of population growth, pollution, and resource allocation and depletion. Topics covered include: historical perspectives and resource policy, sustainability and development, human population, food and agriculture, ecological foundations, biodiversity, health and toxicology, solid and hazardous waste, water resources, renewable and nonrenewable energy resources, air quality and global climate change. Potential solutions to environmental problems through education, civic participation, policy action and lifestyle changes will also be explored.

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b) The overall goal of the course is to foster within students:
   - An increased awareness of the social importance of environmental issues,
   - A greater understanding of natural resource management, ecological concepts, and key environmental problems (e.g., water quality, air pollution, biodiversity, waste management, energy use), and
   - The ability to think critically and to select meaningful actions to resolve environmental issues.

c) This course meets twice a week as a combined section lecture and once a week in separate sections to discuss readings, assignments, and materials related to key concepts of the course.
   - Grades for this course are assigned by your discussion instructor.
   - Discussion absences, missed assignments or other problems should be communicated to your discussion instructor.

d) NR 150 meets the UWSP GDR requirements for EL (Environmental Literacy) and SS2 (Social Science Elective).

2. TEXTBOOK:

Principles of Environmental Science: Inquiry & Applications, William P. Cunningham & Mary Ann Cunningham, Third Edition 2006

- You can obtain the book through Text Rental
- Reading assignments from the text are listed on weekly course schedule
- Assigned readings are testable material!

3. ADDITIONAL COURSE MATERIALS AVAILBLE ONLINE

Desire 2 Learn (D2L) is an online repository that many courses utilize at UWSP. You will be able to access a site dedicated for this course on D2L. A demonstration for accessing the course site will be provided during the first meeting of your weekly discussion group. Materials that you will need to access on this site throughout the semester include:

- Course Syllabus and Schedule – Information found in this course syllabus includes a schedule of lectures, tests, discussion activities, and assignments.
- Course Requirements - Class assignments, point distributions and grading procedures.
- Lecture handouts including PowerPoint files, outlines, and study objectives.
- Instructions and materials for all discussion assignments.
- Exam study guides and sample test questions.

4. COURSE REQUIREMENTS

a) **Attendance & Participation:**
   - Attendance and participation are crucial to your success in the course. Lecture and discussion instructors will use examples and audio-visuals to clarify assignments and readings.
   - Full attendance and active participation in all discussions and class activities is expected.
   - You cannot afford to miss classes or fall behind in exams or assignments.
   - Attendance will be recorded in discussion. Excused absences include weather emergencies (commuters only) or documented illness. *Justification for Excused Absences in Discussions must be given in writing to the instructor.*
   - Unexcused absences and tardy attendance will result in a grade reduction. Assignments due on days of excused absences must be submitted as soon as possible following the missed discussion period. Check with your discussion instructor for directions to submit your assignments.
   - Full participation is required, including active involvement in discussions, class activities, etc.

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b) **Assignments/Late Assignments:**

- Assignments must be turned in during class on the due date. Assignments turned in after that time will be considered late and will be subject to 10 % reduction per week day (Mon-Fri). For example, a 100-point assignment that is two days late will, at most, be worth 80 points.
- Written work presented in an improper manner may result in your having to rewrite the assignment, and/or a reduction in points earned.
- Assignments should be complete and well written (listen carefully to the directions provided by your discussion instructor). *Be sure to STAPLE together all pages of your assignment before you come to class!*

c) Plagiarism:

Plagiarism of any type in your work is unacceptable – consequences for plagiarism may range from an oral reprimand to expulsion from the University. Plagiarism is defined as deliberate or accidental use of ideas, research, or words of another person without fully attributing them to their original sources.

- Obvious examples of plagiarism include turning in someone else's work as your own, cutting and pasting website text into a paper, or failing to properly cite another author's work.
- Less obvious forms of plagiarism involve paraphrasing the work of another author (or student) by simply rearranging a few words.
- All work must be your own. When using other sources in your writing, be sure to credit those sources. Visit the UWSP library's Virtual Reference Desk at: http://library.uwsp.edu/vrd/citations.htm for the APA Style format to properly cite and acknowledge your resources.
- Wikipedia (and similar online encyclopedias) may not be used for papers in this course.
- If you are in doubt about whether something constitutes plagiarism, ask your discussion instructor.

d) **Course Etiquette**:

As a matter of respect for your peers and instructors:

- Lectures start promptly at 2:00pm, please be on time.
- Lectures end at 2:50 or when the professor dismisses class. Do not begin shuffling papers and packing up at 2:47.
- If you know that you will be arriving late or leaving early for a legitimate reason (e.g., doctor's appointment), please notify the lecture instructor in advance.
- Behavior that may be distracting and disrespectful, such as speaking out of turn, sleeping in class, cell phones ringing in class, profanity, etc. may result in your being asked to leave the class.

5. FINAL GRADE AND GRADING SCALE Total Possible Points: 700

Exams and Discussion Assignments are worth a total of 700 points.

a) Final grades will be based on the percentage of total points that you earn on your exams and discussion assignments. The grading scale listed below indicates what percentages are required to earn a certain grade.
b) You can determine your cumulative grade or your grade on a specific assignment by calculating a percentage and comparing it to the scale below. Grades will not be curved.
c) Sorry, we DO NOT offer "extra credit" options in this course.
d) Please record your grades for each exam and assignment in the following tables. This will allow you to determine your current cumulative grade.
e) Grades will be assigned on a percentage basis as follows:

93-100% = A	80-82% = B-	67-69% = D+
90-92 = A-	77-79 = C+	63-66 = D
87-89 = B+	73-76 = C	60-62 = D-
83-86 = B	70-72 = C-	0-59 = F

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6. EXAMS AND DISCUSSION ASSIGNMENTS (Total Possible Points = 700 points)

a) **Chapter/Lecture Exams: 400 points**

- 3 Exams @ 100 points each. These will be given during your discussion class as scheduled in the syllabus.
- 1 Final Exam @ 100 points. The final exam is given in the lecture classroom during finals. It is comprehensive in nature meaning you will be expected to retain and apply key concepts from throughout the semester. However, the majority of the questions will cover on class material since the previous exam (Exam #3).
- Questions on all exams will cover material from lectures, textbook readings, and discussion section topics and assignments.
- ***Make-up exams*** *will only be given under extraordinary circumstances, with written documentation justifying why the scheduled exam was missed.* ***To make arrangements for a make-up exam, directly contact your discussion instructor no later than 24 hours after the missed exam.***
- Test Scores will be given to you by your discussion instructor via D2L.

Exam	Possible Points	My Points	Percentage	Cumulative Percentage
Exam # 1	100			/ 100 =
Exam # 2	100			/ 200 =
Exam # 3	100			/ 300 =
Final Exam	100			/ 400 =
Total Points	**400**			/ 400 =

b) **Discussion Assignments: 300 points**

- **Discussion class will be used to investigate and discuss contemporary environmental issues, develop critical thinking and debate skills, explore environmental career opportunities, and assess environmental lifestyle choices.**

- Discussions and Debates. During the semester, you will explore environmental issues from contrasting viewpoints by reading selected articles and essays available on D2L. Several of these issues will be debated in class.
- Lifestyle Assessment Assignment- For this assignment, you will have an opportunity to assess how your personal actions impact environmental quality (ecological footprint). After monitoring aspects of your lifestyle, you'll have a chance to make a few changes, write up your findings, and share insights.
- Other Discussion Assignments include the following. Details will be provided in discussion. Record your grade on each assignment to calculate your class grade.

Assignment	Possible Points	My Points	Percentage	Cumulative Percentage
Kellert Assignment	25			/ 25 =
Critical Thinking I	25			/ 50 =
Careers Assignment	50			/ 100 =
Debate Assignment	125			/ 225 =
Lifestyle Assessment	75			/ 300 =
Total Points	**300**			**/ 300 =**

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Tentative Schedule - Fall 2007

NRES 150: PEOPLE RESOURCES AND THE BIOSPHERE

For Natural Resource Majors: Lecture: T, Th 2:00-2:50 pm CNR 170

Dates	Lecture Topic	Discussion Section Topics and Assignments
Week 1 Sept 4-6, 2007	***Course Overview and Introduction to Key Concepts* (JP)** Cunningham: Chapter 1, Chapter 15: pp. 352-360; 370-376	**Syllabus Overview, Intro to D2-L, and introductions**
Week 2 Sept 11-13	***Introduction to Key Concepts* (JP)** Cunningham: Chapter 1, Chapter 15: pp. 352-360; 370-376	**Public Values for Natural Resources: An overview** (Directions for Kellert) **Assignment due:** None
Week 3 Sept 18-20	***Lessons in Sustainability, Quality of Life and the Envir., Root Causes,* (JP)** Cunningham: Chapter 2: pp.25-28; 32 40; Chapter 14: pp. 327-329; 332-333 ***Human Civilization and Resources*(JP)** Cunningham: Chapter 1	**Discussion of Kellert survey results** **Assignment due:** Kellert Worksheet
Week 4 Sept 25-27	***Human Civilization and Resources*(JP)** Cunningham: Chapter 1 ***Human Population Growth*(JP)** Cunningham: Chapter 4	***Introduction to Critical Thinking: Evaluating Information Sources, Credibility and Bias*** **Assignment due:** Reading: Cunningham text Ch. 1, pp. 4-13 [Introduce Critical Thinking Exercise, Assigned readings]
Week 5 Oct 2-4	***Human Population Growth (cont)*** Cunningham: Chapter 4 ***Food Resources*(JP)** Cunningham: Chapter 7 ***Conservation History* (RH)** Cunningham: Chapter 1, pp. 14-19	***Exam # 1 in Discussion Section*** **Assignment Due:** None
Oct 2-4	**Exam #1 in Discussion Section (Week 5)**	
Week 6 Oct 9-11	***Resource Policy/Laws* (RH)** Cunningham: Chapter 15	***Critical Thinking*: *Evaluating Information Sources, Credibility and Bias*** **Assignment due:** Critical Thinking Exercise (Credibility and Bias: Salmon articles)
Week 7 Oct 16-18	***Economics and Ecology* (RH)** Cunningham: Chapter 14, pp. 327-338	**(1) Introduction to Natural Resource Careers** [Hand out Career assignment- due week 8] **(2) Introduction to Environmental Lifestyle Assessment assignment and overview of ecological footprints** [Hand out Environmental Lifestyle Assessment assignment - due week 10] **Assignment due:** None

Week 8 Oct 23-25	***Risk, Toxicology, Human Health* (RH)** Cunningham: Chapter 8	**Natural Careers and professional preparation.** **Assignment due:** Career assignment
Week 9 Oct 30-Nov 1	***Land Use and Urban Issues* (RH)** Cunningham: Chapter 14, pp. 338-351	***Exam # 2 In Discussion Section*** **Assignment due:** None
Oct 30-Nov 1	**Exam #2 in Discussion Section (Week 9)**	
Week 10 Nov 6-8	***Water Resources* (JP)** Cunningham: Chapter 10	***Environmental Lifestyle Reports/Discussion*** **Assignment due:** Written Lifestyle Assessment Reports
Week 11 Nov 13-15	***Sustaining Biodiversity* (DS)** (Diversity as a Resource) Cunningham: Chapter 5: pp. 107-123; Chapter 6	***Introduction to Environmental Issues Debates*** (Issue Selection, Team Assignments, Overview of Debate Components, Annotated Bibliography) **Assignment due:** None
Week 12 Nov 20-22	***Solid and Hazardous Waste Mgmt* (DS)** Cunningham: Chapter 13	***NO DISCUSSION- Thanksgiving Holiday*** ***Environmental Issues Debate Preparation*** - meet with teams outside of class - Annotated Bibliography- due week 13
Week 13 Nov 27-29	***Solid and Hazardous Waste Mgmt* (DS)** Cunningham: Chapter 13 ***Energy Resources* (DS)** Cunningham: Chapter 12	***Exam #3 In Discussion Section*** **Assignment due:** Annotated Bibliography
Nov 27-29	**Exam # 3 in Discussion Section (Week 13)**	
Week 14 Dec 4-6	***Energy Resources* (DS)** Cunningham: Chapter 12 ***Air Resources* (DS)** Cunningham: Chapter 9	***Environmental Issues Debate #1*** **Assignment due:** Issue Debate #1 – Team A & B Presentations
Week 15 Dec 11-13	***Air Resources* (DS)** Cunningham: Chapter 9 ***Climate Change and Ozone Loss Future Challenges* (DS)** Cunningham: Chapter 9	***Environmental Issues Debate #2*** **Assignment due:** Issue Debate #2 – Team C & D Presentations
FINAL EXAM Wednesday, Dec 19: 2:45-4:45pm Room CNR 170		