

University of Montana

ScholarWorks at University of Montana

University of Montana Course Syllabi

Open Educational Resources (OER)

Fall 9-1-2005

WBIO 180.01: Careers in Natural Resources

Diana L. Six

University of Montana - Missoula, diana.six@umontana.edu

Dan H. Pletscher

University of Montana - Missoula, dan.pletscher@umontana.edu

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Let us know how access to this document benefits you.

Recommended Citation

Six, Diana L. and Pletscher, Dan H., "WBIO 180.01: Careers in Natural Resources" (2005). *University of Montana Course Syllabi*. 9792.

<https://scholarworks.umt.edu/syllabi/9792>

This Syllabus is brought to you for free and open access by the Open Educational Resources (OER) at ScholarWorks at University of Montana. It has been accepted for inclusion in University of Montana Course Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

Instructors:

Diana Six
Bioresearch 104
Phone: 243-5573
Email: diana.six@cfc.umt.edu
Office hours: Tu 12-1:00 or by appointment

Dan Pletscher
Forestry Room 311D
Phone: 243-6364
Email: dan.pletscher@umontana.edu
Office Hours: Tu 8-10:00; W 3-5:00; Th 8-10:00

Teaching Assistant:

Jenny Wolf
Location:
Office Hours:

Objectives:

The purpose of this course is to introduce beginning students in natural resources to:

1. An overview of natural resources at multiple scales,
2. Major factors and philosophies influencing historic and current conditions and trends in natural resource conservation philosophy,
3. The major themes and concepts that integrate resource issues,
4. The variety of employment opportunities in natural resources and how to prepare for a professional career,
5. The educational and work requirements that make students competitive.

Textbooks:

Leopold, A. 1949. *A Sand County Almanac*. Oxford University Press.
Fischer, H. 1995. *Wolf Wars*. Falcon Press.

Course Grades will be based on the following proportions:

Midterm 1	0.30
Midterm 2	0.30
Final Exam	0.40

Exams: **No make-up exams** without medical or other major **verifiable** excuse. You **must** contact Diana Six **before** actual exam to see if make up exam will be allowed.

Pop quizzes for a total of five extra points will be given during the semester. Quiz points are valuable, and can best be assured by staying current with assigned readings and attending class!

<i>DATE</i>	<i>SCHEDULED TOPIC</i>	<i>SPEAKERS/READINGS</i>
30 August	Course Introduction	Six and Pletscher - Ch. 1-5, Fischer
1 September	Strategies for Academic and Employment Success	Six- Part III, Leopold
6 September	Graduate School/Academic and Other Research Positions	Six
8 September	American Resources & Conservation History - Pre-20 th Century	Pletscher
13 September	American Resources & Conservation History – Pre-20 th Century	Pletscher
15 September	American Resources & Conservation History – 20 th Century	Pletscher
20 September	Conservation and Environmental Ethics	Pletscher
22 September	Leopold's Land Ethic	Pletscher
27 September	Federal and State Conservation Agencies and Review for Exam	Six and Pletscher
29 September	FIRST MID-TERM EXAM	
4 October	Disturbance Ecology	Six – Part I, Leopold
6 October	Entomology and Pathology	Six – Ch. 6-10, Fischer
11 October	Fire Ecology	Ron Wakimoto
13 October	Hydrology/Water	Scott Woods
18 October	Fisheries	Bruce Farling
20 October	Soil Science	Tom DeLuca
25 October	Silviculture	John Goodburn
27 October	Review for exam	Six
1 November	SECOND MID-TERM EXAM	
3 November	Conservation Policy	Martin Nie Ch. 11-14, Fischer
8 November	Wildlife Conservation	Kieth Lenard Leopold Part II
10 November	International Conservation/Research	Chris Filardi
15 November	Nature-based Tourism	Norma Nickerson
17 November	Wildlife Management	Kristi Dubois
22 November	Wilderness Conservation	Laurie Yung
24 November	THANKSGIVING-HOLIDAY	
29 November	Recreation Management	Bill Borrie
1 December	Climate Change	Six
6 December	Biological Invasions	Six
8 December	Review for final	Six
December 12	FINAL EXAM: 10:10-12:10	Six