

Biology 111
Environmental Science
Fall 1998
T.R. Wade

Proposed Lecture Schedule

Date	Topic	Chapter
Aug. 27	Introduction Scientific Method/Science/Environmental Science	3
Sept. 1	Ecosystems: Structure – Function, Energy flow	5
3	Ecological pyramids	5
8	Biogeochemical cycles	5
10	Ecological Succession (Critique Due)	6
15	Biomes	7
17	Test I (Includes lecture and laboratory material.)	
22	Population Dynamics and Interactions	6,8
24	Human Population	11
29	Forests and Deforestation (Critique Due)	13
Oct. 1	Soils and Sustainable Agriculture	20
6	Water Resources	18
8	Water Pollution	19
13	Mid Semester Break	
14	TEST II (Includes lecture and laboratory material.)	
20	Wetlands	
22	Energy: conventional sources	16
27	Energy: sustainable sources (Critique Due)	15
29	Air Resources and Air Pollution	17
Nov. 3	Global Climate Change	14
5	Water Treatment	
10	Sewage Treatment	19

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12	TEST III (Includes lecture and laboratory material.)	
17	Solid and Hazardous Waste	21
19	Pesticides, Toxins, Environmental Health (Critique Due)	10,23
24	Biodiversity & Conservation Biology	24,25
26	Thanksgiving Break	
Dec. 1	Student Presentations	
3	Student Presentations	
8	Catch-up and Wrap-up Day (Critique Due)	

FINAL EXAM - Tuesday, December 15, 1998 – 9:00a.m. – 12:00p.m. (Test 4 & Cumulative Section)

TEXT: *Living in the Environment*, Miller, 10th edition.

Lecture: Pierce 101, 11:00 am – Tuesday/Thursday

Laboratory: Pierce 101, 2:00 – 5:00 Thursday

Evaluation:

Tests	300 points
Lab Assignments	25 points
Critiques	25 points
Environmental Issue Paper	50 points
Final Exam	175-200 points
*Total Points	<hr/> 575-600 points

*Total points may vary based on possible changes in certain assignments over the semester.

HONOR CODE: The Honor Code of Oxford College applies to all work submitted for credit in this course. All such work will be pledged to be yours and yours alone. This the case when you place your name on any work (tests, practicals, papers, lab reports, etc.) submitted.

OFFICE HOURS: Wed./Fri. 9:00 a.m. – 11:00 p.m. or by appointment (4-8395).

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Laboratory Schedule

Date	Topic	Assignment
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Sept. 3	Scientific Investigation	
10	Secondary Succession	
17	Primary Succession	
24	Terrestrial Investigation I	Succession Report Due
Oct. 1	Terrestrial Investigation II	
8	Stream Investigation I	Terrestrial Ecology Report Due
15	Stream Investigation II	
22	Wetlands Investigation	Stream Ecology Report Due
29	Pond Model	
Nov. 5	Water Treatment	Pond Report Due
12	Sewage Treatment	
19	Solid Waste/Recycling	
26	Thanksgiving Break	Solid Waste Report Due
Dec. 3	Student Presentations	