

Forest Through Time and Space Winter 2005, Reading Assignments

Assigned texts are referred to by the last name of the first author. Read the assigned text before coming to class on the day that it is assigned.

Program web site is <http://academic.evergreen.edu/curricular/ftts/>. Refer to it regularly for announcements, readings, etc.

Week	Mon	Wed	Fri
1	<p style="text-align: right; font-size: small;">3-Jan</p> <p>9-1 Lecture/workshop</p> <p>Welcome back, logistics</p> <p>Workshop: Research topic brainstorming</p> <p>Workshop: What is value?</p> <p>Film: Ed Whitelaw—Sustainable development and forests</p>	<p style="text-align: right; font-size: small;">5-Jan</p> <p>9-12 Lecture/ Workshop</p> <p>Lecture: Threats to tropical forests: an overview (1 of 2)</p> <p>Assignment: Read Whitmore chap 10</p>	<p style="text-align: right; font-size: small;">7-Jan</p> <p>9-12, 1:30-4:30 Lab/Workshop/Field trip</p> <p>Lecture AM: Threats to tropical forests: an overview #2 Overview of lab/field work</p> <p>Field/Lab PM: Meet in Lab I 3046. Gather field samples, set up Berlese funnels and soil bacteria and fungi isolation plates</p> <p>Assignment: Read Wilson chaps 12 and 13. Read lab handouts #1 Soil microarthropods and #2 Soil bacteria and fungi.</p>
2	<p style="text-align: right; font-size: small;">10-Jan</p> <p>9-1 Lecture/workshop</p> <p>Review Study questions. Please complete questions prior to coming to class</p> <p>Lecture: Introduction to Madagascar</p> <p>Assignment: Read Wilson chap 11; excerpts from Antipode; Kull Introduction (pp 3-15) and chap 1)</p>	<p style="text-align: right; font-size: small;">12-Jan</p> <p>9-12 Lecture/ Workshop</p> <p>Lecture: Land use and disturbance in Madagascar</p> <p>Assignment: Read Kull chaps 2, 5, 6</p>	<p style="text-align: right; font-size: small;">14-Jan</p> <p>9-12, 1:30-4:30 Lab/Workshop/Field trip</p> <p>Lecture AM: Conservation in Madagascar Overview of lab work</p> <p>Lab PM (1/2 of class): Lab I 3046 1-3 or 3-5. Analyze soil bacteria/ fungi plates</p> <p>Workshop PM (1/2 of class): Sem II D 1007 2-3 or 3-4. Interpreting the primary literature. Reading: TBA</p> <p>Assignment: Read Wilson chap 14; Kull chap 9. lab handout . Take home: Study questions</p>
3	<div style="border: 1px solid black; padding: 10px; width: 80%; margin: auto;"> <p>Martin Luther King Jr. Day No Class Read speeches on class web site</p> </div>	<p style="text-align: right; font-size: small;">17-Jan</p> <p style="text-align: right; font-size: small;">19-Jan</p> <p>9-12 Lecture/ Workshop</p> <p>Review Study questions.</p> <p>Lecture: Intro to Terrestrial carbon cycle</p> <p>Guest Lecture: Cara Nelson Water cycle in forest ecosystems</p> <p>Assignment: Read Chapin Ch 5 p 97-105, section on shade leaves p 107, bold-face statements only p 108-121. Chapin ch 4, p 71-73, bold-face statements only for rest of chapter, read any sections that catch your interest</p>	<p style="text-align: right; font-size: small;">21-Jan</p> <p>9-12, 1:30-4:30 Lab/Workshop/Field trip</p> <p>Lecture AM: Carbon cycle (cont)</p> <p>Lab PM (1/2 of class): Lab I 3046 1-3 or 3-5. Analyze Berlese funnels samples</p> <p>Workshop PM (1/2 of class): Sem II D 1007 2-3 or 3-4. Review of annotated bibliographies</p> <p>Assignment: Read Chapin Soil Animals p155–157, Jabin et al, Addison, Carcamo articles on web site (PDF files) Annotated bibliography due</p>
4	<p style="text-align: right; font-size: small;">24-Jan</p> <p>9-1 Lecture/workshop</p> <p>Review Study questions.</p> <p>Lecture: Carbon cycle: Decomposition</p> <p>Guest lecture: Dylan Fischer—Forest carbon cycle</p> <p>Assignment: Read Chapin ch 7</p>	<p style="text-align: right; font-size: small;">26-Jan</p> <p>9-12 Lecture/ Workshop</p> <p>Workshop: Organizing and creating outlines</p> <p>Guest lecture: Andrew Bunn—Carbon sequestration</p> <p>Assignment: Read Beedlow et al, Getting it Right, Carbon sequestration articles (pdfs) on web site.</p>	<div style="border: 1px solid black; padding: 10px; width: 80%; margin: auto;"> <p>8:30-3 Field Trip to Simpson Recycled Fiber mill and Sawmill, Tacoma WA You must wear long pants and closed toe shoes, bring lunch</p> </div>

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Week	Mon	Wed	Fri
5	31-Jan 9-1 Lecture/workshop Review Study questions Lecture: Terrestrial carbon cycle: Death, decay and rotting of organic matter Workshop: Peer-review of research outline Assignment: Read Chapin ch 7 p 151-168	2-Feb 9-12 Lecture/ Workshop Lecture: Decomposition (continued) Workshop AM: Peer review of Introduction of paper Assignment: Read Chapin ch 7 p 169-175, Murty et al on web site	4-Feb 9-12, 1:30-4:30 Lab/Workshop/Field trip Lecture: Decomposition (continued) Final outline and draft of Intro due Faculty meetings with topic groups
6	7-Feb 9-Feb CONCENTRATED INDEPENDENT WORK ON RESEARCH PROJECT Writing and rewriting your drafts Use the Writing Center and meet with topic groups for peer review NO SCHEDULED CLASS Mon & Wed		11-Feb GLOBAL CHANGE SYMPOSIUM On campus all day, you must attend
7	14-Feb 9-1 Lecture/workshop Review Study questions. Please complete questions prior to coming to class Lecture: Human impacts in the neotropics Assignment: Read Whitmore chap 11; 1491 (2002 Atlantic Monthly article)	16-Feb 9-12 Lecture/ Workshop Lecture: Threats to neotropical forests Assignment: Wilson chap 15; Kull chap 9 DRAFT OF PAPERS DUE in class	18-Feb 8:30-4 Field Trip to Weyerhaeuser Tenino/Vale WA Bring lunch, raingear, notebooks
8	21-Feb <div style="border: 1px solid black; padding: 5px; text-align: center;"> President's Day No Class </div>	23-Feb 9-12 Lecture/ Workshop Review Study questions. Please complete questions prior to coming to class Workshop: Powerpoint and oral presentations. Meet in CAL	25-Feb 8:30-4 Field Trip to Cowlitz Ridge Tree Farm Doug Stinson Toledo, WA Bring lunch, raingear, notebooks
9	28-Feb 9-1 Lecture/workshop STUDENT PRESENTATIONS FINAL PAPERS DUE for students presenting in week 10	2-Mar 9-12 Lecture/ Workshop STUDENT PRESENTATIONS	4-Mar 8:30-4 Amphibian Field Trip See them mate! Watch them run, gambol, and cavort! Bring field gear, lunch
10	7-Mar 9-1 Lecture/workshop STUDENT PRESENTATIONS FINAL PAPERS DUE for students presenting in week 9	9-Mar 9-12 Lecture/ Workshop Workshop: Eval writing. Meet in the Computer Applications Lab (CAL), 1st floor of Lab II	11-Mar 9-12, 1:30-4:30 Lab/Workshop/Field trip AM Workshop: Wrap up, "Value Workshop"