

Fall 2003

**TREE BIOLOGY SCHEDULE
FOR 240**

INSTRUCTORS:	Dr. Faith Ann Heinsch	Dr. Steve Running
OFFICE:	SC 437	SC 428
PHONE:	243-6218	243-6311
E-MAIL:	faithann@ntsg.umt.edu	
OFFICE HOURS:	T/Th 11:00 am – 12:00 noon or By Appointment	By Appointment

TEXTBOOK: Terrestrial Ecosystems J.D. Aber and J.M. Melillo 2nd Ed. (2001)

CLASS SCHEDULE

<u>WEEK</u>	<u>READING</u>	<u>LECTURE TOPIC</u>
1	Suppl.	Tree Genetics & Regeneration Biology
2	Ch 2, 8	Tree Structure & Growth
3	Ch 2, 6	Bioclimatology: water, humidity
4		solar radiation, temperature
5	Ch 4,7	Water Balance &
6		Water Use
7		MIDTERM, October 14
8	Ch 6	Carbon Balance (Photosynthesis & Respiration)
9	Ch 11	Resource Allocation & Net Primary Productivity
10	Ch 9, 10	Soil Chemistry & Physics
11	Ch 12, 13	Decomposition & Nutrient Availability
12	Ch 11, 14	Stress Physiology & Dormancy
13	Suppl.	Site Quality & Growing Seasons
14	Ch 17	Role of Fire in Carbon Balance*
15		Review*
16	FINALS	

10:10 am – 12:10 pm DECEMBER 18, Thursday FINAL EXAM

GRADING

MIDTERM	- 100 points
QUIZZES	- 80 points
<u>FINAL EXAM</u>	<u>- 120 points</u>
Total	300 points

There will be ten quizzes given throughout the semester – always on Thursdays. Each quiz will be held in the first 10 minutes of class and will be worth 10 points. The best eight of ten quizzes will count toward your final grade. If you miss a quiz, you have **one week** to arrange to take a make-up quiz.