

University of Montana

## ScholarWorks at University of Montana

---

University of Montana Course Syllabi

Open Educational Resources (OER)

---

Fall 9-1-2001

### FOR 201.00: Forest Biometrics

Hans R. Zuuring

*University of Montana, Missoula*

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

**Let us know how access to this document benefits you.**

---

#### Recommended Citation

Zuuring, Hans R., "FOR 201.00: Forest Biometrics" (2001). *University of Montana Course Syllabi*. 6314.  
<https://scholarworks.umt.edu/syllabi/6314>

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](mailto:scholarworks@mso.umt.edu).

# BIOMETRICS

**COURSE:** F201

**SEMESTER:** Fall 2001

	<u>Time</u>	<u>Location</u>
<b>LECTURE:</b> MonWedFri	9:10 AM - 10:00 AM	FOR Rm. 206
<b>LAB:</b> Section 1	Mon 2:10 - 4:00 PM	LA Rm. 206
Section 2	Wed 2:10 - 4:00 PM	LA Rm. 206
Section 3	Tue 7:10 - 9:00 PM	LA Rm. 206
Section 4	Thu 7:10 - 9:00 PM	LA Rm. 206

## OBJECTIVES:

1. Become familiar with mathematical notation.
2. Be exposed to statistical reasoning and the rigor associated with it.
3. Acquaint yourself with basic statistical methods used most frequently in natural resource management.
4. Gain an appreciation for natural variation and its impact on data analysis.
5. Gain an understanding about the appropriateness of certain procedures over others in specific situations.
6. Solve specific statistical problems.
7. Use SPSS to perform statistical analyses on computers.

## GUIDELINES:

The subject matter covered in this course is not difficult provided that the student possesses good algebra and problem solving skills and spends the time studying the material. You will need to become comfortable with abstract thinking, jargon and symbology. Should you find yourself falling behind seek help immediately. Do not wait till the end of the course because concepts are presented sequentially and build upon each other. Although collaboration with fellow students for the purpose of solving homework problems is not discouraged you must remember that each student takes exams separately and you are solely responsible for learning and knowing the course content. Mid-term exams tend to focus on a section of material while the final exams are comprehensive. Homework assignments are due one week from when they are handed out (unless you are told otherwise) and late assignments are penalized at the rate of 20% per day unless you make prior arrangements.

Two of the labs will take place outside, one on campus and another up Pattee Canyon. Those students attending the evening labs will need to reschedule those labs during daylight hours so they will be held on consecutive Saturdays.

**GRADING:**

Pop quizzes	10%
Lab assignments (approx. 11)	25%
Mid-term Exam # 1 (crib sheet allowed)	15%
Mid-term Exam # 2 (crib sheet allowed)	15%
Final Lab Exam (1 hour)	10%
Final Examination (crib sheet allowed)	25%
	<hr/>
TOTAL	100%

**INSTRUCTOR:**

**Name:** Hans Zuuring  
**Office:** Forestry 304  
**Hours:** By appointment only!  
**Phone:** 243-6456 (Office) or 721-2586 (Home)  
**E-mail:** <mailto:hrz@forestry.umd.edu>

**TAs (Teaching/Lab assistants):**

**Name:** Kate Keller  
**Office:** Forestry 207  
**Hours:** \_\_\_\_\_  
or by appointment  
**Help Session:** \_\_\_\_\_  
**Phone:** 721-6674 (Home)  
**E-mail:** [mendonpondspark@yahoo.com](mailto:mendonpondspark@yahoo.com)