

Statistics 127: Statistics for the Biological Sciences Syllabus

Time: Tuesday, 6:10 ~ 8:40pm

Room: 201 (Tompkins Hall)

Instructor: Yinglei Lai, Assistant Professor of Statistics

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Office hours: Tuesday, 3:00p ~ 5:00p, or by appointment.

Textbook: *Biostatistics: A Foundation for Analysis in the Health Sciences (8th Edition)*
by W.W. Daniel ©John Wiley & Sons, Inc. 2005

Description: Introduction to statistical techniques and reasoning applicable to the biomedical and related sciences. Properties of basic probability functions: binomial, Poisson, and normal. Data analysis, inference, and experimental design.

Grading:

- Homework: 60%, ***work independently***
- Midterm Examination: 15%, ***closed book***.
- Final Examination: 25%, ***closed book***.

Note:

- No late homework.
- No early or make-up examinations.
- The date of midterm examination will be on March 8, 2005.
- The date of final examination will be scheduled by the University.
- Stat 51, 53, 91, 104, 111, and 127 are related in their subject matter, and credit for only one of the six may be applied toward a degree.