



STATISTICS 650-5

QUANTITATIVE ANALYSIS IN RESOURCE MANAGEMENT AND FIELD BIOLOGY

Spring 2006
DAY COURSE

Students requiring accommodations as a result of disability, must contact the Centre for Students with Disabilities 604-291-3112 or csdo@sfu.ca

Instructor: [Dr. S. Thompson](#) (SC K10564)

Prerequisites:

A course in parametric and nonparametric statistics. This course may not be used for the satisfaction of degree requirements in the Department of Statistics and Actuarial Science.

Textbook:

There is no formal text assigned for this course.

Brief Description:

The course will focus on intermediate-level experimental designs, useful sampling techniques, and associated statistical analyses with emphasis on applications to resource and environmental management and field biology.

Course Organization:

The lectures will focus on the reasoning behind the methodology. The laboratory/tutorial hours will provide opportunities for students to design, run, and analyze experiments and surveys. There will also be regular, approximately weekly exercises, a mid-semester test, and a final examination.

Evaluation:

- Exercises - 25%
 - Design and Analysis Project, workshop/tutorial participation - 25%
 - Two term tests - 25%
 - Comprehensive Final Exam - 25%
-

Students should be aware that they have certain rights to confidentiality concerning the return of course papers and the posting of marks. Please pay careful attention to the options discussed in class at the beginning of the semester. Students are reminded that Academic Honesty is a cornerstone of the acquisition of knowledge. Scholarly integrity is required of all members of the University. Please consult the General Guidelines of the calendar for more details.

Revised October 2005