

SPRING 2018 - STAT 650 G100

# QUANTITATIVE ANALYSIS IN RESOURCE MANAGEMENT AND FIELD BIOLOGY (5)

Class Number: 4460 Delivery Method: In Person

## Overview

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### COURSE TIMES + LOCATION:

Th 2:30 PM – 3:20 PM  
AQ 3005, Burnaby

Tu 2:30 PM – 4:20 PM  
AQ 3005, Burnaby

### EXAM TIME + LOCATION:

Apr 17, 2018  
Tue 3:30 PM – 6:30 PM  
Location: SSCC 9002, Burnaby

### INSTRUCTOR:

Schwarz, Carl  
cschwarz@sfu.ca  
1 778 782-3376  
Office: SC-K10559

### PREREQUISITES:

A course in parametric and non-parametric statistics.

## Description

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### CALENDAR DESCRIPTION:

The use of statistical techniques and mathematical models in resource management with special emphasis on experimentation, survey techniques, and statistical model construction. This course may not be used for the satisfaction of degree requirements in the Department of Statistics and Actuarial Science.

### COURSE DETAILS:

**Please note that Thursday's Lecture is actually 2 hours 14:30-16:20**

The course will focus on methods of sampling and experimental designs, along with associated statistical analyses. Emphasis will be placed on applications to resource and environmental management, field biology, and other fields. Practical methods and underlying concepts will be stressed.

## Grading

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Assignments	20
Term Test 1	15
Term Test 2	15
Final Exam	50

### NOTES:

**All above grading is subject to change.**

## Materials

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## REQUIRED READING:

No formal text assigned.

## RECOMMENDED READING:

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**GRADUATE STUDIES NOTES:**

Important dates and deadlines for graduate students are found here: [http://www.sfu.ca/dean-gradstudies/current/important\\_dates/guidelines.html](http://www.sfu.ca/dean-gradstudies/current/important_dates/guidelines.html). The deadline to drop a course with a 100% refund is the end of week 2. The deadline to drop with no notation on your transcript is the end of week 3.

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**REGISTRAR NOTES:**

SFU's Academic Integrity web site <http://students.sfu.ca/academicintegrity.html> is filled with information on what is meant by academic dishonesty, where you can find resources to help with your studies and the consequences of cheating. Check out the site for more information and videos that help explain the issues in plain English.

Each student is responsible for his or her conduct as it affects the University community. Academic dishonesty, in whatever form, is ultimately destructive of the values of the University. Furthermore, it is unfair and discouraging to the majority of students who pursue their studies honestly. Scholarly integrity is required of all members of the University. <http://www.sfu.ca/policies/gazette/student/s10-01.html>

ACADEMIC INTEGRITY: YOUR WORK, YOUR SUCCESS

## MODIFIED BY:

Department, Statistics Actuarial (stat) on 2018-01-17 11:44 AM

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