SPRING 2016 - STAT 403 D100

INTERMEDIATE SAMPLING AND EXPERIMENTAL DESIGN (3)

Class Number: 2947 *Delivery Method: In Person*

COURSE TIMES + LOCATION:

Tu 2:30 PM – 4:20 PM
SSCC 9000, Burnaby

Th 2:30 PM – 3:20 PM
AQ 3154, Burnaby

EXAM TIMES + LOCATION:

Apr 17, 2016
3:30 PM – 6:30 PM
AQ 3149, Burnaby

INSTRUCTOR:

Carl Schwarz
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778-782-3376
Office: SC-K10559

PREREQUISITES:

STAT 302, 305 or 350.

Description

CALENDAR DESCRIPTION:

A practical introduction to useful sampling techniques and intermediate level experimental designs. Statistics major and honors students may not use this course to satisfy the required number of elective units of upper division Statistics. However, they may include the course to satisfy the total number of required units of upper division credit. Students with credit for STAT 410 or 430 may not take STAT 403 for further credit. Quantitative.

COURSE DETAILS:

Course Outline:

This course covers the basic and most useful methods of sampling and experimental design. These methods are major components of much modern research. This course is intended to provide practical expertise in these areas. Methods of field research will be emphasized along with underlying ideas. Methods will be illustrated with situations from environmental science, resource ecology, and other fields. A project utilizing and evaluating methods from the course will serve to extend and integrate the course methods and concepts.

Grading

Assignments	20%
Written Project	15%
Midterm 1	15%
Midterm 2	15%

Final Exam	35%

NOTES:

All grading is subject to change.

Materials

REQUIRED READING:

There is no formal text assigned to this course; Necessary course materials will be provided online

DEPARTMENT UNDERGRADUATE NOTES:

Students with Disabilites:

Students requiring accommodations as a result of disability must contact the Centre for Students with Disabilities 778-782-3112 or csdo@sfu.ca

Tutor Requests:

Students looking for a Tutor should visit http://www.stat.sfu.ca/teaching/need-a-tutor-.html. We accept no responsibility for the consequences of any actions taken related to tutors.

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

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