

FALL 2019 - STAT 452 D100

STATISTICAL LEARNING AND PREDICTION (3)

Class Number: 4593 Delivery Method: In Person

Overview

COURSE TIMES + LOCATION:Th 9: 30 AM – 11: 20 AM
AQ 3181, BurnabyTu 10: 30 AM – 11: 20 AM
AQ 3181, Burnaby**EXAMTIME + LOCATION:**Dec 6, 2019
Fri 12: 00 PM – 3: 00 PM
Location: RCB IMAGTH, Burnaby**INSTRUCTOR:**McNeney, Brad
mcneney@sfu.ca
1 778 782-4815
Office: SC-K10565**PREREQUISITES:**

STAT 302 or STAT 305 or STAT 350 or BUEC 333 or equivalent.

Description

CALENDAR DESCRIPTION:

An introduction to the essential modern supervised and unsupervised statistical learning methods. Topics include review of linear regression, classification, statistical error measurement, flexible regression and classification methods, clustering and dimension reduction. Quantitative

COURSE DE

REQUIRED READING:

An Introduction to Statistical Learning with Applications in R. Gareth James, Daniela Witten, Trevor Hastie and Robert Tibshirani (2013). New York: Springer.

Book is available for free on-line through the SFU Library
ISBN-13: 978-1461471370.

RECOMMENDED READING:

DEPARTMENT UNDERGRADUATE NOTES:

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

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://www.sfu.ca/students/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 2019-06-26 08:52 AM

Cancel