

FALL 2017 - STAT 350 D100

**LINEAR MODELS IN APPLIED STATISTICS (3)***Class Number: 3528 Delivery Method: In Person*

Tu 11:30 AM - 1:20 PM  
RCB 8100, Burnaby

Dec 6, 2017  
12:00 PM - 3:00 PM  
BLU 9660, Burnaby

Th 11:30 AM - 12:20 PM  
SWH 10041, Burnaby

---

Jiguo Cao

[jca76@sfu.ca](mailto:jca76@sfu.ca)

778-782-7600

Office: SC-K10567

---

STAT 285, MATH 251, and one of MATH 232 or MATH 240.

D

---

Theory and application of linear regression. Normal distribution theory. Hypothesis tests and confidence intervals. Model selection. Model diagnostics. Introduction to weighted least squares and generalized linear models. Quantitative.

**Outline:**

1. Linear models: Definition, simple
- 
- 
-

