

# STAT 851-4

## Generalized Linear Models and Discrete Data Analysis

Spring 2014  
Day Course

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

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Instructor: [Dr. Jiguo Cao](#)

**Prerequisite:**

STAT 830 and STAT 850 or permission of the instructor.

**Textbook:**

Recommended:

1. *Categorical Data Analysis, 3<sup>rd</sup> ed.* by Alan Agresti. Publisher: Wiley
2. *Extending the Linear Model with R: Generalized Linear, Mixed Effects and Nonparametric Regression Models*, by Julian Faraway. Publisher: CRC Press
3. *Generalized Linear Models, 2<sup>nd</sup> ed.* By McCullagh and Nelder. Publisher: CRC Press

**Calendar Description:**