

STAT 285

Intermediate Probability and Statistics

Summer 2012
Day Course

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

Instructor: [Dr. Jiguo Cao](#)

Prerequisite:

STAT 270. Prerequisite or Corequisite MATH 232. This course may not be taken for credit by students who have credit for STAT 330 prior to the Fall 03-3 term.

Textbook:

Probability and Statistics for Engineering and the Sciences, 8th ed., by Jay L. Devore, Publisher: Duxbury Press

Calendar Description:

This course is a continuation of STAT 270. Review of probability models; procedures for statistical inference from survey results and experimental data. Statistical model building. Elementary design of experiments and regression methods. Introduction to lifetime analysis. Introduction to time series. Introduction to stochastic processes. **Quantitative**

Outline:

1. Review of STAT 270 material and relationship to this course
2. Statistical Models
- 3.