

**STAT 340-3**  
**Introduction to Statistical Computing and Exploratory**  
**Data Analysis**

**Spring 2013**  
**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. Carl Schwarz](#)

**Prerequisite:**

STAT 285 or STAT 302 or STAT 305 or equivalent.

**Textbook:**

*SAS and R, Data Management, Statistical Analysis, and Graphics*, by Ken Kleinman and Nicholas J. Horton, Publisher: CRC Press

**Calendar Description:**

Statistical computing in R and SAS. Data management: reading, editing and storing statistical data; querying databases with SQL. Data exploration and representation: summarizing data with tables, graphs and other statistical tools. Data simulation: model-based and empirical. The SAS component of the course will give students a good start for writing the SAS programming

