Centre for Distance Education   **Faculty of Science**
Simon Fraser University   **Department of Statistics and Actuarial Science**
WMC 1300   291-3524

STATISTICS 101-3
INTRODUCTION TO STATISTICS

An introductory course in the collection, description, analysis, and summary of data, including the concepts of frequency distribution, parameter estimation, and hypothesis testing.

The course consists of the following unit topics:

1. Introduction
2. Why Statistics?
3. Data Analysis by Computer
4. Exploring Univariate Data
5. Exploring Time Series
6. Exploring Relationships
7. Exploring Categorical Data ,

9. Principles of Data Collection
10. Sampling Phenomena
11. Inference - Estimation
12. Inference - Testing Hypotheses
13. Inference - More Testing Hypotheses

PREREQUISITE: None. Students with credit for ARCH 376, BUEC 232 (formerly 332) or STAT 270 (formerly MATH 272 and 371) may not subsequently

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Simon Fraser University, WMC 1300
291-3524 or 1-800-663-1411 (within BC)

Computer Requirements: STAT 101

1. This course requires active participation over the Internet and statistical software. Students must have access to a computer and the Internet. Students wishing to connect to the Internet from home computers are responsible for connecting to either SFU or an external Internet Service Provider (ISP). Information on connecting to SFU through modem dialup lines is available at the

4. An Alternative for Statistical Software