

## SUMMER 2023 - STAT 100 D100

Class Number: 4309    Delivery Method: In Person

### Overview

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#### COURSE TIMES + LOCATION:

Mo 2:30 PM – 3:20 PM  
AQ 3181, Burnaby

Th 2:30 PM – 4:20 PM  
AQ 3181, Burnaby

#### EXAM TIME + LOCATION:

#### INSTRUCTOR:

Sonja Isberg  
[ssurjano@sfu.ca](mailto:ssurjano@sfu.ca)  
1 778 782-4630

### Description

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#### CALENDAR DESCRIPTION:

Chance phenomena and data analysis are studied through simulation and examination of real world contexts including sports, investment, lotteries and environmental issues. Intended to be particularly accessible to students who are not specializing in Statistics. Students may not obtain credit for STAT 100 if they already have credit for - or are taking concurrently - any upper division STAT course. Quantitative/Breadth-Science

#### COURSE DETAILS:

This course may be applied to the Certificate in Liberal Arts

STAT Workshop Coordinators: Marie Loughin

#### Outline:

This is a concept-oriented course. Below is a summary of the main topics:

1. Producing data: Where do data come from?
2. Summarizing data: Graphs and numbers
3. Normal distributions: Why are they important?
4. Looking for relationships
5. Chance and probability
6. Statistical inference

This course will be run in-person.

### Grading

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Written Homework Assignments	20%
Labs	10%
Midterm 1	17.5%
Midterm 2	17.5%

