Course program and reading list
Semester 2 Year 2023

School: Lauder School of Government, Diplomacy & Strategy B.A

Principles Of Statistics

Lecturer:

Mr. Hever Schulberg hevers@runi.ac.il
Ms. Shelli Wild shelli.wild@post.runi.ac.il

Tutors:

Ms. Shelli Wild shelli.wild@post.runi.ac.il

Course No.: 3749
Course Type: Lecture
Weekly Hours: 3
Credit: 4

Course Requirements: Final Exam
Group Code: 231374900
Language: English

Prerequisites

Students who took one of the courses listed below will not be allowed to register to the course Principles Of Statistics (3749):

689 - Principles Of Statistics

Course Description

The course introduces basic concepts in descriptive and inferential statistics.
Course Goals

- **Descriptive statistics**
  - Tabular & Graphical description of data (bar diagrams, histograms)
  - Measures of Central location (mean, median, mode)
  - Percentiles
  - Measures of dispersion (range, variance, standard deviation).
  - Standardization of variables.

- **Normal distribution**
- **Hypothesis Testing**
- **Correlation**
- **Regression**
- **Using Excel for statistical analysis and for statistical tests**

Grading
The course grade will be entirely based on the final exam.
Weekly homework will be assigned but NOT collected.

Lecturer Office Hours
By appointment on zoom

Reading List
The only required readings are the lecture notes already posted on Moodle.