

Applied Statistics for Humanities (SS 187)

Credit Hour: 4

Teaching Mode: In-person

Schedule: Monday to Friday (2:00 PM – 4:50 PM)

Instructor: Muhammad Saad Imtiaz

Description:

Data is often regarded as the modern world's most precious resource. As data becomes more important, so does the need to properly analyze and interpret it. This is an introductory statistics course designed to familiarize humanities students with the basics of understanding and analyzing data. It aims to equip students with statistical and data analysis tools used in academic research or professional settings. The course will focus on practical examples from social sciences, while keeping mathematical derivations to a minimum.

The course starts with an introduction to typical datasets, central tendency measures and graphing. The course will then progress to cover the basics of hypothesis testing, regression analysis and causal inference. The final part of the course will look at published material that reviews the concepts learned throughout the course.

HSS majors will benefit by being able to understand statistics at a level that enables them to meaningfully engage with reports or papers that have made use of statistical techniques to present information.