

## COURSE DETAIL

### INTRODUCTION TO STATISTICS: UNDERSTANDING THE WORLD THROUGH DATA

**Country**

United Kingdom - England

**Host Institution**

London School of Economics

**Program(s)**

Summer at London School of Economics

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Statistics

**UCEAP Course Number**

12

**UCEAP Course Suffix**

S

**UCEAP Official Title**

INTRODUCTION TO STATISTICS: UNDERSTANDING THE WORLD THROUGH DATA

**UCEAP Transcript Title**

INTRO TO STATISTICS

**UCEAP Quarter Units**

5.50

**UCEAP Semester Units**

3.70

**Course Description**

This is an introductory course on statistics and how it can help us answer the kind of questions that arise when we want to better understand the world. We will use real-world examples from the social and natural sciences to establish the foundations of probability and distribution theory, and introduce important statistical skills, from descriptive statistics to sampling and inference. In addition to these examples, students conduct interactive experiments in the classroom to demonstrate the use of key techniques.

**Language(s) of Instruction**

English

**Host Institution Course Number**

ME116

**Host Institution Course Title**

INTRODUCTION TO STATISTICS: UNDERSTANDING THE WORLD THROUGH DATA

**Host Institution Campus**

London School of Economics

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Research Methods, Data Science, and Mathematics

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