

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 Course Details

<https://www.lse.ac.uk/study-at-lse/summer-schools/Summer-School/Courses/Secure/...>

Host Institution Campus

London School of Economics

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

Research Methods, Data Science, and Mathematics

Course Last Reviewed

2022-2023

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