

# COURSE DETAIL

## FUNDAMENTALS OF DATA SCIENCE

**Country**

United Kingdom - England

**Host Institution**

London School of Economics

**Program(s)**

London School of Economics

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

102

**UCEAP Course Suffix**

A

**UCEAP Official Title**

FUNDAMENTALS OF DATA SCIENCE

**UCEAP Transcript Title**

FUNDAMNTLS/DATA SCI

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

### **Course Description**

Students are introduced to data science and its practice: how it works and how it can produce insights from social, political, and economic data. It combines accessible knowledge of data science as a field of study with practical knowledge about data science as a career path. By combining case studies in applications of both with the study of the content of data science, it covers data science that is both pedagogic but accessible, as well as fundamentally applied and practical. The course combines three perspectives: inferential thinking, computational thinking, and real-world relevance.

### **Language(s) of Instruction**

English

### **Host Institution Course Number**

DS101A

### **Host Institution Course Title**

FUNDAMENTALS OF DATA SCIENCE

### **Host Institution Course Details**

[https://www.lse.ac.uk/resources/calendar2023-2024/courseGuides/DS/2023\\_DS101A.h...](https://www.lse.ac.uk/resources/calendar2023-2024/courseGuides/DS/2023_DS101A.h...)

### **Host Institution Campus**

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Data Science

### **Course Last Reviewed**

2024-2025

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