

# COURSE DETAIL

## DATA ANALYSIS AND VISUALIZATION

**Country**

China

**Host Institution**

Fudan University

**Program(s)**

Fudan University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

153

**UCEAP Course Suffix****UCEAP Official Title**

DATA ANALYSIS AND VISUALIZATION

**UCEAP Transcript Title**

DATA ANALYS&VISUAL

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

Data analysis and information visualization have become essential skills for news communication practitioners in the new media era. This course will introduce the basic knowledge of research design and data analysis, as well as the specific process of data collection, collation, analysis and visual presentation, and cultivate students' basic ability of data analysis and visual presentation by combining the changes of media forms and the characteristics of the era of big data. This course will provide a foundation for their practical work and further academic research, such as data news, public opinion analysis and market analysis.

The course is divided into four main sections: Fundamentals of research design and data analysis, data acquisition and cleaning, data statistical analysis, and information visualization.

### Language(s) of Instruction

Chinese

### Host Institution Course Number

JOUR130253

### Host Institution Course Title

DATA ANALYSIS AND VISUALIZATION

### Host Institution Course Details

<http://example.com>

### Host Institution Campus

### Host Institution Faculty

Baohua ZHOU

### Host Institution Degree

### Host Institution Department

School of Journalism

**Course Last Reviewed**

2022-2023

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