

## COURSE DETAIL

### PROBABILITY THEORY AND MATHEMATICAL STATISTICS

**Country**

China

**Host Institution**

Fudan University

**Program(s)**

Fudan University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Economics

**UCEAP Course Number**

151

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

PROBABILITY THEORY AND MATHEMATICAL STATISTICS

**UCEAP Transcript Title**

PROBABLY THRY&STAT

**UCEAP Quarter Units**

7.50

**UCEAP Semester Units**

5.00

## Course Description

The course covers probability and statistics, focusing on how the mathematical ideas of statistics carry over into the world of applications in economics and finance. It examines statistical concepts from economic perspective. For example, why are statistical concepts (e.g., mean and variance) useful in economics? What are economic intuition and interpretation for the probability and statistical relations?

### Language(s) of Instruction

English

### Host Institution Course Number

ECON130264

### Host Institution Course Title

PROBABILITY THEORY AND MATHEMATICAL STATISTICS

### Host Institution Campus

### Host Institution Faculty

Fu Zhonghao

### Host Institution Degree

### Host Institution Department

Economics

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