

COURSE DETAIL

STATISTICAL INFORMATION LITERACY

Country

Japan

Host Institution

International Christian University

Program(s)

International Christian University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Statistics

UCEAP Course Number

10

UCEAP Course Suffix**UCEAP Official Title**

STATISTICAL INFORMATION LITERACY

UCEAP Transcript Title

STAT INFO LITERACY

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

The growth in computational power and availability of all sorts of data has led society to become bombarded with a variety of statistics. How much of this information is trustworthy, how much is noise - and how might it affect one's decision-making?

This course looks at the mathematical foundations of probability and randomness, and how they inform our understanding of how real-world data may be generated. Next, the course discusses what statistics are; how they are generated; when they are meaningful and when they are not. In parallel with theoretical study, the class will utilize statistical software to get a practical understanding of data processing and statistical analysis.

Language(s) of Instruction

English

Host Institution Course Number

GES039E

Host Institution Course Title

STATISTICAL INFORMATION LITERACY

Host Institution Campus

International Christian University

Host Institution Faculty

Host Institution Degree

Host Institution Department

General Education

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