

COURSE DETAIL

BUSINESS STATISTICS

Country

Hong Kong

Host Institution

Hong Kong University of Science and Technology (HKUST)

Program(s)

Hong Kong University of Science and Technology

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Statistics Business Administration

UCEAP Course Number

25

UCEAP Course Suffix**UCEAP Official Title**

BUSINESS STATISTICS

UCEAP Transcript Title

BUSINESS STATISTICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course introduces basic statistical techniques and terminology used in analyzing business data and their application to functional areas of business. The course is divided into seven areas: descriptive statistics, probability and probability distribution, discrete and continuous probability distribution models, sampling distributions, hypothesis testing, two-population inferences, and regression analysis and modeling. Topics covered include collection, tabulation, and presentation of numerical data; concepts of probability and probability distributions; sampling; statistical estimation and hypothesis testing; and correlation and regression analysis.

Language(s) of Instruction

English

Host Institution Course Number

ISOM2500

Host Institution Course Title

BUSINESS STATISTICS

Host Institution Campus

HKUST, Business

Host Institution Faculty

Host Institution Degree

Host Institution Department

Information Systems, Business Statistics, and Operations Management

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