

COURSE DETAIL

MODERN NONPARAMETRIC STATISTICS

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics

UCEAP Course Number

140

UCEAP Course Suffix**UCEAP Official Title**

MODERN NONPARAMETRIC STATISTICS

UCEAP Transcript Title

MDN NONPARAMET STAT

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course examines the fundamentals, basic properties and use of classical and modern nonparametric statistical methods for data analysis. Topics may include: order statistics; goodness-of-fit tests; rank tests for single-sample and two-independent samples; tests for designed experiments; permutation tests; tests for trends and association; jackknife and bootstrapping methods; nonparametric regression; nonparametric estimator and statistical functionals.

Language(s) of Instruction

English

Host Institution Course Number

STAT3620

Host Institution Course Title

MODERN NONPARAMETRIC STATISTICS

Host Institution Course Details

<http://moodle.hku.hk>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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