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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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