

COURSE DETAIL

PROBABILITY AND STATISTICS

Country

China

Host Institution

Peking University, Beijing

Program(s)

Peking University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics Mathematics

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

PROBABILITY AND STATISTICS

UCEAP Transcript Title

PROBABILITY & STATS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course introduces basics in probability theory and mathematical statistics, including probability, conditional probability, random variables, expectation and variance, special probability distributions, sampling distribution, point estimation, confidence interval, hypothesis testing, linear regression, ANOVA, etc. Texts: DEGROOT, Morris H. and March SCHERVISH. Probability and Statistics; ANG Xiangzhong, LU Ligang, and LI Dongfeng. Probability and Statistics, Revised Edition. Assessment: Weekly homework (30%), team project (10%), midterm exam (30%), final exam (30%).

Language(s) of Instruction

English

Host Institution Course Number**Host Institution Course Title**

GAILV TONGJI

Host Institution Course Details**Host Institution Campus**

Peking University

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Guanghua School of Management

Course Last Reviewed

2015-2016

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