

COURSE DETAIL

PROBABILITY AND STATISTICS

Country

Singapore

Host Institution

National University of Singapore

Program(s)

National University of Singapore

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics Computer Science

UCEAP Course Number

128

UCEAP Course Suffix**UCEAP Official Title**

PROBABILITY AND STATISTICS

UCEAP Transcript Title

PROB & STATISTICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course introduces students to basic probability theory and statistical inference. Topics include basic concepts of probability, conditional probability, independence, random variables, joint and marginal distributions, mean and variance, some common probability distributions, sampling distributions, estimation, and hypothesis testing based on a normal population.

Language(s) of Instruction

English

Host Institution Course Number

ST2334

Host Institution Course Title

PROBABILITY AND STATISTICS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Statistics and Data Science

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