

COURSE DETAIL

PROBABILITY

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

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

121

UCEAP Course Suffix**UCEAP Official Title**

PROBABILITY

UCEAP Transcript Title

PROBABILITY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

Undergraduate level course in probability. Topics include Sample spaces, conditional probability, random variables, independence, discrete and continuous distributions, expectation, correlation, moment generating function, distributions of function of random variables, law of large numbers and limit theorems. Text: Sheldon Ross, A FIRST COURSE IN PROBABILITY.

Language(s) of Instruction

English

Host Institution Course Number

MATH2421

Host Institution Course Title

PROBABILITY

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

Mathematics

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