

COURSE DETAIL

GAMES AND DECISION

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

GAMES AND DECISION

UCEAP Transcript Title

GAMES & DECISION

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course introduces game theory and its useful applications. The course presents how to identify the common abuse of game theory and to avoid incorrect use of its terminology. The course covers basic concepts and techniques in game theory and applies these concepts and techniques to the analysis of different types of games. Topics include Nash equilibrium, sequential games, simultaneous games, sequential-simultaneous games, prisoners' dilemma, strategic moves, evolutionary games, collective action, uncertainty and information, and consolidation.

Language(s) of Instruction

English

Host Institution Course Number

ECON2214

Host Institution Course Title

GAMES AND DECISION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Economics

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