

# COURSE DETAIL

## GAME THEORY AND BUSINESS STRATEGY

**Country**

Australia

**Host Institution**

University of New South Wales

**Program(s)**

University of New South Wales

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Economics Business Administration

**UCEAP Course Number**

114

**UCEAP Course Suffix****UCEAP Official Title**

GAME THEORY AND BUSINESS STRATEGY

**UCEAP Transcript Title**

GAME THRY/BUS STRAT

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course introduces the basic tools of game theory and its applications to business choices. The course covers normal form and extensive form games, games of perfect and imperfect/incomplete information, and introduces equilibrium concepts such as Nash equilibrium, subgame-perfect equilibrium and perfect Bayesian equilibrium. It also looks at repeated games and the theory of reputation.

## Language(s) of Instruction

English

## Host Institution Course Number

ECON2112

## Host Institution Course Title

GAME THEORY AND BUSINESS STRATEGY

## Host Institution Campus

New South Wales

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Economics

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