

COURSE DETAIL

GAME THEORY IN INTERNATIONAL POLITICS

Country

Japan

Host Institution

Hitotsubashi University

Program(s)

Hitotsubashi University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Political Science International Studies

UCEAP Course Number

115

UCEAP Course Suffix**UCEAP Official Title**

GAME THEORY IN INTERNATIONAL POLITICS

UCEAP Transcript Title

GAME THRY:INTL POL

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course introduces game theory and its application to political science. Students study game theory through the concepts of Nash Equilibrium, Subgame Perfect Equilibrium, and Perfect Bayesian Equilibrium, as well as strategic-form, extensive-form, and repeated games. Sessions involve presenting (and practicing) game-theoretic techniques before applying them to specific political science questions.

Although there is no prerequisite knowledge for this class, it may be helpful to have taken at least a course in statistics or probability theory.

Language(s) of Instruction

English

Host Institution Course Number

JU-D259-A-00

Host Institution Course Title

GAME THEORY IN INTERNATIONAL POLITICS

Host Institution Campus

Hitotsubashi University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Law

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