# 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 Course Details**
https://syllabus.cels.hit-u.ac.jp/hit_syllabus/2024/05/05_1JD25901_en_US.html

**Host Institution Campus**
Hitotsubashi University

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Law

**Course Last Reviewed**
2023-2024

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