

COURSE OUTLINE

Course Code / Title : HA4029 Quantitative Approach to International Relations

Pre-requisites : HA1001

No. of AUs. : 4

Contact Hours : 52

Course Aims

The course offers major empirical frameworks to study causal mechanisms of international political phenomena. Students who are interested in empirical methods in international relations or political science in general are encouraged to take this course. It also provides solid foundations for your social scientific understanding of international relations/political science.

Intended Learning Outcomes (ILO)

By the end of the course, you should be able to:

1. Discuss recent empirical research in the field of international relations.
2. Identify key logics and assumptions behind statistical models in recent empirical works
3. Apply statistical methods to your research project in this area

Course Content

This course introduces you to empirical methods in international relations. Topics are in the following:

- 1) Introduction and the trend of empirical research in International Relations
- 2) Empirical analysis of militarized interstate disputes
- 3) Nuclear proliferation and empirical limits
- 4) Domestic politics and interstate conflict
- 5) Geographic Information and conflict
- 6) International political economy
- 7) Big data and machine learning
- 8) Survey experiment

Course Assessment

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| CA1 Class discussion & research presentation | : 20% |
| CA2 Two short papers | : 30% |
| CA3 Final Paper | : 50% |
| Total | ----- |
| | 100% |