

COURSE OUTLINE

Course Code / Title : HA2027 Statistical Analysis for Public Affairs II

Pre-requisites : HA2024

No. of AUs. : 3

Contact Hours : 39

Course Aims

This course equips students with advanced statistical skills, which allow them to conduct analysis in various fields such as public policy and international relations.

Intended Learning Outcomes (ILO)

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

1. Know advanced statistics skills such as non-linear regression.
2. Operate Stata, in addition to Excel and SPSS.
3. Apply the first two to real research projects.

Course Content

Linear regression with moderation analysis and mediation analysis.

Experiment applied to regression.

Dichotomous outcome variables and ordinal outcome variables.

Count outcome variables.

Course Assessment

Class Discussion + In-class exercise : 10%

Problem sets : 60%

Group project : 20%

Presentation : 10%

Total -----
100%