COURSE OUTLINE

Course Code / Title : HA2027 Introduction to Quantitative Social Sciences

Pre-requisites : Nil

No. of AUs. : 3

Contact Hours : 39

Course Aims

This course sets a basic foundation of students' quantitative skills to analyze various social science phenomena.

Intended Learning Outcomes (ILO)

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

1. Discuss how to approach various social science questions with quantitative/statistical methods.
2. Write simple R code to answer social science questions based on empirical evidence. Apply your statistical/computational skills to your research projects.

Course Content

- Statistical Software R set-up
- Causality
- Measurement
- Prediction
- Discovery
- Probability
- Uncertainty

Course Assessment

Class Discussion + in-class exercise	: 10%
Problem sets	: 50%
Group project	: 20%
Final take-home assignment	: 20%
Total	--------
	100%