

## **Quantitative Methods for Public Policy**

**Institution: Year/Term: Course type: ECTS:**

School of Public Policy, Central European University Year 1

Core course

4

### **Course Description**

This course will introduce students to common quantitative research design and methods used for public policy analysis. Students will learn how to formulate practical research questions, find and construct appropriate datasets used for policy analysis, and use a variety of statistical tools to provide insight to important policy issues. Students will also learn how to use statistical software to manage and analyze various types of data. No prior knowledge of statistics is needed.

### **Learning Outcomes**

By the end of the course students should be proficient in:

- ✓ Identifying and generating answerable research questions with direct policy implications;
- ✓ Using Stata to construct datasets and produce basic descriptive statistics;
- ✓ Using appropriate statistical analyses to answer specific research questions;
- ✓ Critically appraising quantitative research findings, and;
- ✓ Explain the limitations of observational data for making causal claims;
- ✓ Write clean, reusable, and reliable STATA code;
- ✓ Presenting analyses in a professional manner that is accessible to policy-makers.