

## **Applied Political Analytics**

The comprehensive course on research methods tailored for students of multidisciplinary backgrounds introduces them to a wide range of political research techniques. The course will have a balanced focus on quantitative, qualitative and mixed research methods and will follow the research process logic from formulating a research question, hypothesis testing, process tracing, and theory-generating. The course will cover the following topics ranging from research design to grounded theory formulation. The course will introduce students to quantitative, qualitative and mixed methods research examples from all fields of political science and international relations to illustrate each topic. The students will try using various software for the purposes of their research. The topics covered include but not limited to the following research methods. Research design, Quantitative methods - survey research, scaling techniques, data aggregation and processing. Quantitative methods – content analysis, social networks analysis. Statistical techniques – regression models. Qualitative methods – interviewing, ethnography, focus groups methodology, discourse analysis. Mixed methods research techniques – QCA and MMR. Special emphasis will be made on ethical considerations in research proposals, paradigm, theoretical framework, research approach, data collection and analysis.