

Subject	Advanced Research Methods			
	Type	Semester	ECTS	Code
	Obligatory (O)	1	5	
Course Lecturer				
Aims and Objectives	This course aims to provide the students with in-depth training in quantitative and qualitative research methods. The main objectives of the course are to familiarize the students with paradigmatic arguments and traditions concerning quantitative and qualitative research, to introduce them to the central components of research designs in quantitative and qualitative studies, to train the students to formulate own research designs, to ask theoretically driven research questions, as well as to collect, analyze and interpret data. The course will also provide students with trainings in lab towards using statistical package softwares for research.			
Learning Outcomes	<p>With successful completion of the course, the students should be able to:</p> <ul style="list-style-type: none"> - Critically asses quantitative and qualitative research designs; - Understand paradigmatic positions and use adequate data and methods for quantitative and qualitative research - Construct a research design - Ask questions, collect data, analyze data, interpret results, generalize - Prepare a research plan for a thesis project 			
Course Content	<p>Topics in quantitative research methods:</p> <ol style="list-style-type: none"> 1. Introduction to Quantitative Research: Overview of basics of Quantitative Data; Data Collection, Techniques of Analysis 2. Sampling Concepts 3. Quantitative Data Collection Instruments 4. Introduction to Applied Statistics: Identifying the dependent and independent variables; Confidence levels, etc. 5. Descriptive Statistics: Summarizing and describing a collection of data; Univariate and bivariate analysis; Mean, mode and standard deviation etc. 6. Inferential Statistics: Drawing inferences from data; Modeling assumptions; Identifying Patterns; Regression analysis; T-test; Analysis of Variance; Correlations; Chi-square. <p>Topics in qualitative research methods:</p> <ol style="list-style-type: none"> 1. Qualitative research design: Introduction to essential components of a qualitative research design - Research questions, theory, context, data, data analysis, results, interpretation, generalization; 2. Models of design in: Single case studies, qualitative comparative case studies, ethnography, grounded theory, etc.; 3. Data gathering, use and issues in qualitative research: Descriptive statistics, interviews, documents, focus groups, etc. 4. Causality and casual inferences 5. Measurement (includes use of statistical packages for qualitative research purposes). 6. Interpretation, theory use and theory building, generalization 7. Full research design construction practice in class 			
Teaching/Learning Methods	Teaching/Learning Activity			Weight (%)
	1. Lectures			50%
	2. Computer lab			30%
	3. Seminars			20%
Assessment Methods	Assessment Activity	Number	Week	Weight (%)
	1. In-class activities			10%
	2. Method work			25%
	3. Essay with methods			50 %
	4. Presentations & discussions			15%

Course resources	Resources		Number
	1. Classroom		1
	2. Seminar class		1
	3. Moodle		1
	4. Projector		1
	5. STATA, SPSS, R softwares		1
ECTS Workload	Activity		Weekly hrs
			Total workload
	1. Lectures	2	30
	2. Seminars	1	15
	3. Computer Lab	1	30
	4. Independent study	3.4	50
5. Exams (Essay presentations/evaluations)		10	
Literature/References	<ul style="list-style-type: none"> • M. Saunders, P. Lewis and A. Thornhill (2009) <i>Research Methods for Business Students</i>. Pierson Education Limited. • J.M. Wooldrige (2013) <i>Introductory Econometrics: A Modern Approach</i>. South-Western Cengage Learning. • A. Agresti and B. Finlay (2009) <i>Statistical Methods for Social Sciences</i>. Pearson. • G. Goertz and J. Mahoney (2012) <i>A Tale of Two Cultures: Qualitative and Quantitative Research in Social Sciences</i>. Princeton University Press. • G. King, R. O. Keohane, and S. Verba (1994) <i>Designing Social Inquiry: Scientific Inference in Qualitative Research</i>. Princeton University Press. • N. K. Denzin and Y. S. Lincoln (2005) <i>The Sage Handbook of Qualitative Research</i>. Sage Publications. 		
	Contact		

