

SEEP SYLLABUS

Course title:	Quantitative and Qualitative Methods II			
Teacher(s):	Barbara Haas, Astrid Pennerstorfer			
Course credit:	ECTS: 10		Hours per week :4	
Semester	<input type="checkbox"/> S1	<input type="checkbox"/> S2	<input checked="" type="checkbox"/> S3	<input type="checkbox"/> S4
Expected prior knowledge	<input checked="" type="checkbox"/> Yes: This course bases on course Quantitative and Qualitative Methods I		<input type="checkbox"/> No	
Teaching method(s):	Lectures, group exercises, debates, peer-feedback; coaching			
Type(s) of evaluation:	<input type="checkbox"/> Exam		<input checked="" type="checkbox"/> Written report	
	<input checked="" type="checkbox"/> Participation / Presentation		<input checked="" type="checkbox"/> Group project	
	Other			
Short course description	<p>This course is the continuation of Quantitative and Qualitative Methods I. Together both courses aim at providing students with knowledge of different research techniques. This part focuses on students' mixed methods research projects. Qualitative methods are chosen so as to prepare students to conduct research in the area of environmental research, social policy and labour market studies. In parallel, students work on a quantitative research project, using large data sets and applying regression-based methods. In class, this semester covers multi-level regression technique.</p> <p>This semester students will work in small research groups, dealing with a specific topic. The groups learn how to do research in a team. They will create a research design, formulate empirical questions, present them in class and they will gain relevant insights from the feedback of others. The aim is to develop mixed methods research designs that fit to the topics and questions of the students' projects. With a special focus on the premises and basic ideas of empirical research, we look at ways of how these are implemented adequately in the designs. Students will conduct a more or less systematic literature review and analyse their own qualitatively collected data (interviews and/or focus groups). In the quantitative part of the course, students work on their research project, using large quantitative data sets and applying regression-based methods.</p> <p>In the final research paper – in the style of a research journal article, the quantitative and qualitative results should be connected to each other, placing a focus on the main insights.</p>			
Topics (summary keywords)	Mixed methods, multi-level modelling, regression analysis, qualitative interviews, focus groups and qualitative analysis			
Selected readings:	<p>Creswell, J. W./Creswell, J. D. (2018). <i>Research design: qualitative, quantitative & mixed methods approaches</i> (Fifth edition, international student edition.). Los Angeles: SAGE.</p> <p>Flick, U. (2018). <i>The SAGE Handbook of Qualitative Data Collection</i>. Los Angeles: SAGE.</p>			

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Thomas, G. (2017). *How to do your research project: a guide for students* (3rd edition.). Los Angeles, London: SAGE.

Hox, J.J. / Wijngaards-de Meij, L. (2014). *The multilevel regression model*. Pp. 133-151 in H. Best & C. Wolf (Eds.). *The SAGE Handbook of Regression Analysis and Causal Inference*. Thousand Oaks, CA: Sage.