

## Project Module in Econometrics and Statistics



<b>Module Number</b> 331215050	<b>Workload</b> 450 h	<b>Credits</b> 15 CP	<b>Duration</b> 1 Semester	<b>Cycle</b> yearly, summer term	
<b>Responsible Faculty Member</b>	Prof. Dr. Alois Kneip				
<b>Department</b>	Department of Economics				
<b>Study Program</b>	<b>Title</b>		<b>Character</b>	<b>Study Term</b>	
	Master of Science Economics		Advanced Module	3rd	
<b>Learning Outcomes</b>	After completion of a project module students should: be familiar with the basics of scientific methods relevant for the topic of the project module, be able to do a literature search, read and document scientific articles in Economics, be capable of defining research topics, formulating specific research questions in Economics and developing a research approach to investigate, be acquainted with academic research methods relevant for investigating the project's topic, be able to document, present and defend in class the results of their research.				
<b>Key Skills</b>	academic research, academic writing, rhetorical skills, presentation skills				
<b>Content</b>	Empirical results based on the statistical/econometric analysis of data provide a very good basis for economic reasoning. Statistical and econometrical research has led to a variety of new methods for analyzing large and complex sets of economic data. The module will focus on the methodological understanding of new statistical techniques, their practical implementations as well as their applications to real data problems.				
<b>Prerequisites for attending</b>	At least one advanced module in <i>Econometrics &amp; Statistics</i> ; basic knowledge of game theory and econometrics (in particular hypotheses testing) is helpful.				
<b>Course Type</b>	<b>Lecture, Seminar, etc.</b>		<b>Contact time per week</b>	<b>Workload [h]</b>	
	Lectures		2	60	
	Presentations		1	30	
	Discussion Groups		1	30	
	Selfstudy		4	330	
<b>Examination(s)</b>	<b>Type of Examination</b>		<b>Grades</b>		
	presentation (oral & slides), research paper, report of other presentations, participation in discussions The final grade will be a weighted average of (the quality of) i) the presentation, ii) the research paper, iii) reports and iv) participation in discussions. Depending on the actual number of participants, the project work has to be carried out as a group task rather than as an individual task.		yes		
<b>Special Course Achievements</b>	none				
<b>Other</b>	The first six weeks consist of introductory lectures (4h per week). Students can then choose a project from a list of specific cooperation problems in which they wish to increase their knowledge. Students have to work on this project on their own (week 7-12). During that time, students and supervisors will have regular feedback meetings. In weeks 13 and 14, students have to hand in a short research paper and give a presentation of their project in class. Finally, students have to hand in short reports of others' presentations.				