

Project Module in Econometrics and Statistics



Module Number 331215050	Workload 450 h	Credits 15 CP	Duration 1 Semester	Cycle yearly, summer term	
Responsible Faculty Member	Prof. Dr. Alois Kneip				
Department	Department of Economics				
Study Program	Title		Character	Study Term	
	Master of Science Economics		Advanced Module	3rd	
Learning Outcomes	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.				
Key Skills	academic research, academic writing, rhetorical skills, presentation skills				
Content	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.				
Prerequisites for attending	At least one advanced module in <i>Econometrics & Statistics</i> ; basic knowledge of game theory and econometrics (in particular hypotheses testing) is helpful.				
Course Type	Lecture, Seminar, etc.		Contact time per week	Workload [h]	
	Lectures		2	60	
	Presentations		1	30	
	Discussion Groups		1	30	
	Selfstudy		4	330	
Examination(s)	Type of Examination		Grades		
	Presentation (oral & slides), research paper, report of other presentations. The final grade will be a weighted average of (the quality of) i) the presentation, ii) the research paper, iii) reports. 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		
Special Course Achievements	none				
Other	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.				