

Applied Microeconometrics



Module Number Noch offen	Workload 225 h	Credits 7,5 CP	Duration 1 Term	Cycle yearly; summer term	
Responsible Faculty Member	Michael Böhm, Ph.D.				
Institute	Department of Economics				
Study Program	Title		Character	Study Term	
	Bachelor of Science Volkswirtschaftslehre		Wahlpflicht „VWL“ or „Methoden“	5 th or 6 th	
Learning Outcomes	Theoretical understanding and empirical application of the basic methods in applied microeconometrics.				
Key Skills	Identification of appropriate methods and their implementation				
Learning Content	Topics include (but are not limited to) OLS, nonlinear least squares, panel data, maximum likelihood, methods of moments, limited dependent variables, hypothesis testing, measurement error, instrumental variables, difference-in-difference, propensity score matching, regression discontinuity, and computing correct standard errors				
Prerequisites for attending	Introductory Econometrics				
Course Type	Lecture, Seminar, etc.		Contact time	Workload [h]	
	lecture in english		4 hrs per week	(c) 60 (s) 165	
Examination(s)	Type of Examination		Grades		
	written exam		yes		
Special Course Achievements					
Other	<p>Recommended Literature:</p> <ul style="list-style-type: none"> • Guide to Modern Econometrics 4e (Marno Verbeek) • Stock, James H., and Mark W. Watson. Introduction to Econometrics: Global Edition. Pearson Education, 2012. • Introductory Econometrics: A Modern Approach, 5th ed. By Jeffrey M. Wooldridge • Econometrics By Badi H. Baltagi • Cameron and Trivedi's Microeconometrics Using Stata • An Introduction to Modern Econometrics Using Stata By Christopher F. Baum 				