

Applied Microeconometrics



Module Number Still open	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		Elective Module / VWL and 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) the experimental ideal, causality, OLS, limited dependent variables, functional form, dummy variables, standard errors, hypothesis testing and inference, omitted variables bias, matching, measurement error, simultaneous equations, instrumental variables, regression discontinuity, difference-in-differences, panel data, fixed effects			
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>Main Textbooks:</p> <ul style="list-style-type: none"> • Joshua Angrist and Jörn-Steffen Pischke, Mastering 'Metrics: The Path from Cause to Effect, Princeton University Press, 2014. • Stock, James H., and Mark W. Watson. Introduction to Econometrics: Global Edition. Pearson Education, 2012. <p>Other textbooks:</p> <ul style="list-style-type: none"> • Heiss, Florian. Using R for Introductory Econometrics. 2016. • Wooldridge, Jeffrey. Introductory econometrics: A modern approach. Cengage Learning, 2012. • Badi H. Baltagi, Econometrics, Springer, 2001. • Verbeek, Marno. A guide to modern econometrics. JohnWiley & Sons, 2008. 			