

<b>Introduction to Microeconometrics</b>					
<b>Module no.</b>	<b>Credits</b>	<b>Workload</b>	<b>Term</b>	<b>Frequency</b>	<b>Duration</b>
	5 CP	150 h	1.-3. Sem.	Summer	1 Semester
<b>Courses</b> a) Lecture b) Tutorial			<b>Contact hrs</b> a) 2 SWS b) 1 SWS	<b>Self-Study</b> 116,25 h	<b>Group size</b> -
<b>Language</b> English			<b>Prerequisites</b> Advanced knowledge of empirical research and/or econometrics is recommended.		
<b>Registration</b> See webpage					

<b>Specialisations / Classifications</b>			
<b>Economic Policy Consulting MSc.</b>			
<b>X</b>	<b>Compulsory Module(20 ECTS)</b>		Environmental, Resource and Energy Economics
	Quantitative Methods		Microeconomic Theory and Applications
	Regional, International and Development Economics		Elective module

<b>Management and Economics MSc.</b>			
	Accounting & Auditing		Production management
	Entrepreneurship, Innovation & Transformation		Development Economics
	Banking & Finance	<b>X</b>	<b>Statistics &amp; Econometrics</b>
	Governance Systems		National Security Economics
	Business Taxation	<b>X</b>	<b>Theoretical &amp; Applied Microeconomics</b>
	International Finance		Energy and Environmental Economics
	Controlling	<b>X</b>	<b>General Economics</b>
	Marketing & Sales		General Management
<b>X</b>	<b>Data Science &amp; Quantitative Analysis</b>		

<b>Finance, Accounting, Auditing, Controlling &amp; Taxation M.Sc.</b>			
	Core module (25 ECTS)		Finance
	Accounting		Auditing
	Controlling		Taxation
	Compulsory elective (20 ECTS)	<b>X</b>	<b>Elective module (max. 15)</b>

<b>Sales Management MSc.</b>			
	Compulsory module (45 ECTS)	<b>X</b>	<b>Elective module (max. 20 ECTS)</b>
	Compulsory elective (min. 15 ECTS)		

<b>Economics MSc.</b>		
	Core module (30 ECTS)	Elective in Economics (min. 75 ECTS)
	International Economics and Finance	Elective in Management (max. 15 ECTS)
	Economic Policy	

<b>Management MSc.</b>		
	Accounting, Finance, Taxation	Elective in Management (min. 60 ECTS)
	Operations and Service Management	<b>X Elective in Economics (max. 30 ECTS)</b>
	Marketing	

<p><b>Learning outcomes</b>                  By the end of this course, students should be able to understand and evaluate empirical studies based on micro data and to be proficient in the subject-related terminology. They should have the ability to choose the right empirical estimation strategy based on a given dataset/problem. Moreover, students should be able to conduct basic econometric analyses using the software R, to understand program code and to interpret program outputs.</p>
<p><b>Content</b>                  This module deals with the advanced econometric methods applicable to micro data. In particular, discrete choice and selection models as well as advanced empirical evaluation methods are covered. Within the lecture, the participants are introduced to the theoretical concepts of the methods. Within the tutorial, problem sets are solved, partly using the software R.</p>
<p><b>Teaching methods</b>                  Lecture, tutorial</p>
<p><b>Mode of assessment</b>                  The final module examinations consist of a written exam. The final grade corresponds to the grade of the written exam.</p>
<p><b>Requirement for the award of credit points</b>                  Credit points are awarded after successful completion of the final module examination.</p>
<p><b>Weight of the mark for the final score (based on a required coursework of 120 ECTS)</b>                  4,17 %</p>
<p><b>Module coordinator and lecturer(s)</b>                  Bauer and teaching assistants</p>
<p><b>Learning material and relevant literature</b>                  Angrist/Pischke, (2008), Mostly Harmless Econometrics: An Empiricist's Companion. Princeton University Press.                   Bauer/Fertig/Schmidt, (2009), Empirische Wirtschaftsforschung – Eine Einführung. Springer Verlag: Berlin.                   Cameron/Trivedi (2005), Microeconometrics: Methods and Applications. Cambridge University Press.</p>
<p><b>Further information</b></p>