Seminar in Microeconometrics					
Module no. 075 003	**Credits** 10 CP	**Workload** 300 h	**Term** 1.-3. Sem.	**Frequency** irregularly	**Duration** 1 Semester
Courses Seminar			**Contact hrs** 4 SWS	**Self-Study** 255 h	**Group size** 20 students
Language English			**Prerequisites** Advanced knowledge of empirical research and/or microeconometrics is required. Basic knowledge of STATA is helpful.		
Registration See webpage					

Specialisations / Classifications			
Economic Policy Consulting MSc.			
	Compulsory Module (20 ECTS)		International and Spatial Economics
X	**Empirical Economics**		Umweltmanagement, Ressourcen und Energie
	Entrepreneurship, Innovation und Transformation	**X**	**Elective module**

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

Finance, Accounting, Auditing, Controlling, & Taxation MSc.			
	Core module (25 ECTS)		Finance
	Accounting		Auditing
	Controlling		Taxation
	Compulsory elective (20 ECTS)	**X**	**Elective module (max. 15)**

Sales Management MSc.			
	Compulsory module (45 ECTS)	**X**	**Elective module (max. 20 ECTS)**

	Compulsory elective (min. 15 ECTS)

Economics MSc.			
	Core module (30 ECTS)	**X**	**Elective in Economics (min. 75 ECTS)**
	International Economics and Finance		Elective in Management (max. 15 ECTS)
X	**Economic Policy**		

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

Learning outcomes
By the end of this course, students should be able to understand and evaluate empirical studies based on micro data and to conduct small empirical projects independently. Based on their analyses, students should learn to write a scientific paper and to present their research results to the class.

Content
This module deals with the econometric analysis of micro data. The first lectures will review the basic econometric methods and introduce the participants into the software package STATA. Afterwards, the students work on their own empirical project. As part of this project, the students review the relevant literature, identify their research question, prepare the underlying data, and empirically analyze the data by applying basic and advanced econometric methods. The results of the projects are presented to the class and documented in a term paper.

Teaching methods
Seminar

Mode of assessment
The final module examination consists of a term paper (20 pages). Additional study achievements can be acquired through an oral presentation and discussion, for which bonus points can be awarded. A maximum of 25% bonus points will be awarded for the presentation. The best grade can only be achieved, if the student has earned bonus points. The bonus points will not be credited if the final module examination would have not been passed without bonus points.

Requirement for the award of credit points
Credit points are awarded when the final module examination has been successfully completed. Participation in the final module examination requires that the student has passed the oral presentation and discussion with at least 4.0 in advance.

Weight of the mark for the final score (based on a required coursework of 120 ECTS)
8,3 %

Module coordinator and lecturer(s)
Dr. Julia Bredtmann (RWI)

Learning material and relevant literature
Cameron/Trivedi (2005), Microeconometrics: Methods and Applications. Cambridge University Press.

Cameron/Trivedi (2009), Microeconometrics using Stata. Stata Press.

List of continuative literature (journal articles) will be provided in the course