

## Syllabus

<b>Name:</b>			
<b>Empirical International and Regional Economics</b>			
<b>Responsible:</b>			
Prof. Wolfgang Dauth, Assistant Professor of empirical regional and international economics			
<b>Program:</b>	<b>Type:</b>	<b>Term:</b>	<b>ECTS:</b>
Master	Lecture	Winter	6 CP
<b>Contents &amp; Objectives:</b>			
<p>This course focuses on the empirical analysis of current topics in international and regional economics. After reviewing some theoretical background and empirical methods, students learn to comprehend empirical studies, recognize possible pitfalls and conduct their own analyses using statistical software packages and authentic datasets. A strong focus is put on the identification of causal effects. Students should already have basic knowledge in econometric analysis and international trade theory.</p> <p>The lecture starts with a revision of basic empirical methods. The first application is to analyse if and why (and to what magnitude) firms benefit from being located in agglomerations such as the Silicon Valley. Next, we analyse the role of firms in international trade. What distinguishes exporters from non-exporters and are employees of exporters better off? Returning to a regional perspective, we then discuss several recent research papers on the adjustment of local labor markets to increasing trade with China and Eastern Europe.</p> <p>In a complementary lab tutorial (Übung) students learn to conduct empirical analyses by themselves. In hands-on exercises, they first practice how to obtain and prepare datasets and how to use summary statistics to find general patterns in the data. We then apply our theoretical knowledge from the lecture to devise empirical strategies and to interpret our results.</p>			
<b>Prerequisites:</b>			
Students should have an interest and basic knowledge in international economics and applied empirical methods			
<b>Course Structure:</b>			
<b>Week</b>	<b>Content</b>		
1	Introduction		
2	I A brief revision of econometrics: OLS and fixed effects regression		
3	II Geographical agglomeration of economic activity		
4	continued		
5	continued		
6	III Firm heterogeneity and the exporter wage premium		
7	Continued		
8	IV A brief revision of econometrics: Instrumental variables regression		
9	V German local labor markets and "the Rise of the East"		
10	continued		
11	continued		
12	Take home exam		

**Literature:****Readings: Lecture Slides and References**

Lecture slides will be provided through WueCampus.

A detailed list of references with further references, notably journal articles, is provided with each chapter of the lecture.

**Readings: Books**

[1] Wooldridge, J. (2006), Introductory Econometrics, Thomson South-Western, chapters 2-4, 6-7, 15

**Grading:**

Take home exam during the last week of the lecture time

**Contact:**

Dr. Wolfgang Dauth, Professor ([wolfgang.dauth@uni-wuerzburg.de](mailto:wolfgang.dauth@uni-wuerzburg.de))