

Applied Economics of Education Summer 2023

Lecture:	Tues., 14:00-16:00, FG 1/00.08 Start: April 25, 2023
Participants:	European Economic Studies (EES): Master's Program and students of other programs
Course Language:	English
Requirements:	"Empirische Mikroökonomik" (BAEES4.5)
Assignment:	One-hour written exam
ECTS:	6 ECTS points

Brief description

This course introduces into the empirical methods that are typically applied in order to identify causal effects rather than correlation only. Identifying causal effects is of great interest and importance (e.g. in terms of policy evaluation), but also challenging. The methods covered in this course include:

- Panel data techniques
- Instrumental-Variable (IV) approach
- Regression-Discontinuity (RD) approach
- Differences-In-Differences (DID) approach

A further purpose of the course is to make students familiar with the literature that has applied these methods to questions in the field of education economics.

Basic Reading list:

Verbeek, Marno (2012): A Guide to Modern Econometrics. 4th edition. Chichester: John Wiley.

Cameron, Colin A. und Pravin K. Trivedi (2005): *Microeconometrics. Methods and Applications*. Cambridge: Cambridge University Press [selected chapters]

Angrist, J.D., and J.S. Pischke (2009), *Mostly Harmless Econometrics*, Princeton University Press.

Further literature will be announced in class.
