



## Applied Economics of Education

---

- Instructor: Prof. Dr. Guido Heineck
- Time: Weekly lecture, Tuesday, 10:15-11:45  
Starts on 02.05.2017
- Place: F21/03.50
- Registration: Please send a mail to Miriam Schneider ([miriam.schneider@uni-bamberg.de](mailto:miriam.schneider@uni-bamberg.de)) until Friday, April 21, to register.

### *Description*

This course introduces into the empirical methods that are typically applied in the context of education in order to identify causal effects rather than correlation only. Topics include:

- Panel data techniques
- Instrumental-Variable approach
- Regression-Discontinuity approach
- Differences-In-Differences (DID) approach
- Propensity Score Matching

A further purpose of the course is to make students familiar with the literature that has applied these methods to educational issues. The DID approach, for example, is useful for evaluation effects of structural changes in the education system of different European countries. The course is given in English.

### *Basic Reading List*

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

Murnane, Richard J. and Willet, John B. (2011): *Methods Matter: Improving causal inference in educational and social science research*. Oxford University Press.

Schwerdt, Guido, Schlotter, Martin, and Woessmann, Ludger (2011): *Econometric Methods for Causal Evaluation of Education Policies and Practices: A Non-Technical Guide*. *Education Economics* 19 (2), 2011, 109-137.

Further literature will be announced in class.