

# Case Studies in Labor Economics

## (Master)

### CONTENT:

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The course focuses on current issues in labor economics with a special focus on the use of modern econometrics to solve the fundamental evaluation problem. It will combine lecture style and case studies on various labor economics topics. This course will focus on education issues and the labor market.

Topics covered are:

- Modern approach to Econometrics
- Fundamental evaluation problem
- Potential outcome approach
- Methods: OLS, IV, Matching, RCT, BAE, DiD, RDD
- Labor Market and Education

### TIME & LOCATION:

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-	9 November	3 pm – 6 pm, room 2330
-	10 November	10 am – 1 pm, room
-	7 December	3.00 pm – 6.00 pm, Breisacher Tor, room 206
-	8 December	10.00 am – 1.00 pm, Breisacher Tor, room 206
-	25 January	3.00 pm – 6.00 pm, room 2330
-	26 January	10.00 am – 1.00 pm, room 2330

### EXAMINATION MODALITIES:

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<b>Credit points:</b>	4
<b>Examination:</b>	Final exam
<b>Area of study:</b>	Economics Master: E&P, Elective Courses
	VWL-Master: Empirical Economics
	International and Development Economics
	Labor, Human Resource Management & Organization

## LITERATURE

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### Main references:

Angrist, J.D., & Pischke, J. (2015): Mastering 'Metrics, The Path from Cause to Effect, Princeton University Press.

Athey, S., & Imbens, G.W. (2017). The State of Applied Econometrics: Causality and Policy Evaluation, Journal of Economic Perspectives, Vol. 31, 3-32.

Boeri, T., & Van Ours, J. (2013). The economics of imperfect labor markets. 2nd edition. Princeton University Press.

Cahuc, P., Carcillo, S. & Zylberberg, A. (2014). Labor Economics. 2nd edition. MIT Press Books.

9 and 10 November 2018

### Introduction to modern econometrics: RCT, DiD, RDD and IV

Angrist, J.D., & Pischke, J. (2015): Mastering 'Metrics, The Path from Cause to Effect, Princeton University Press.

Angrist, J. D., & Pischke, J. (2017). Undergraduate Econometrics Instruction: Through our Classes, Darkly, Journal of Economic Perspectives, Vol. 31, 125-144.

Athey, S., & Imbens, G.W. (2017). The State of Applied Econometrics: Causality and Policy Evaluation, Journal of Economic Perspectives, Vol. 31, 3-32.

Fryer, R. G. (2014). Injecting charter school best practices into traditional public schools: Evidence from field experiments, The Quarterly Journal of Economics, 1355-1407.

7 and 8 December 2018

### Comparison of identification strategies: OLS and Matching, OLS and IV (Mincer equation)

Angrist, J.D., & Pischke, J. (2015): Mastering 'Metrics, The Path from Cause to Effect, Princeton University Press.

Hille, A., & Schupp, J. (2014): How Learning a Musical Instrument affects the Development of Skills, Economics of Education Review, 44, 56-82.

Imbens, G.W. (2015): Matching Methods in Practice: Three Examples, Journal of Human Resources, 50, No. 2, 373-419.

Winterhager, H., & Heinze, A., & Spermann, A. (2006): Deregulating Job Placement in Europe: A Microeconomic Evaluation of an Innovative Voucher Scheme in Germany", Labour Economics, 13, 505-517.

25 and 26 January 2019

### Education: Do better teachers help?

Chetty, R., Friedman, J. N., & Rockoff, J. E. (2014a). Measuring the Impacts of Teachers I: Evaluating Bias in Teacher Value-Added Estimates. The American Economic Review, 104(9), 2593-2632.

Chetty, R., Friedman, J. N., & Rockoff, J. E. (2014b). Measuring the Impacts of Teachers II: Teacher Value-Added and Student Outcomes in Adulthood. The American Economic Review, 104(9), 2633-2679.