

## Case Studies in Labor Economics

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for Master Students

### 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

### LECTURE

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<b>Time &amp; Location:</b>	- 9 November 2018	3 pm – 6 pm, room 2330
	- 10 November 2018	10 am – 1 pm, room 2330
	- 7 December 2018	3 pm – 6 pm, room 2330
	- 8 December 2018	10 am – 1 pm, room 2330
	- 25 January 2018	3 pm – 6 pm, room 2330
	- 26 January 2018	10 am – 1 pm, room 2330

### EXAMINATION MODALITIES

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<b>Credit points</b>	4 ECTS
<b>Examination:</b>	Final Exam
<b>Area of Study</b>	<u>M.Sc. Economics:</u>
	E&P: Elective Courses
	<u>VWL-Master, PO 2011:</u>
	Wahlpflichtbereich: Volkswirtschaftspolitik / Makropolitik Quantitative Methoden
	<u>VWL-Master, PO 2014:</u>
	Spezialisierungsbereich: Empirical 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

### Current issues in education economics

Becker, S.O. et al. (2018): Forced migration and human capital: Evidence from Post-WWII Population transfers, NBER Working Paper 24704.

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.