Syllabus

Name:			
Applied Econometrics and Data Science in Business and Economics			
Responsible:			
Professor Fabian Kosse, Chair of Data Science in Business & Economics			
Program:	**Type:**	**Term:**	**ECTS:**
Bachelor	Lecture	Winter	5 CP

Contents & Objectives:

This course offers an introduction to the fundamentals of causal inference and to widely used research designs in the social sciences. After the course, students should be able to understand the basic concepts and methods of causal inference; should be able to read and interpret research and judge its credibility. This course furthermore serves as a basis for students' own empirical research.

Prerequisites:

Students that attend this course should have some basic knowledge in statistics and econometrics.

Course Structure:

Week	Content
1-2	Repetition of statistical foundations
3-4	Simple Linear Regression
5-6	Multiple Regression
6-12	Causal analysis

Literature:

Lecture Notes will be provided every week.

Grading:

There will be a 60 min graded exam at the end of the semester.

Contact:

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