

Microeconometrics

Course Outline

1. General information

Responsible unit:	Chair of Empirical Economics
Lecturer:	Prof. Dr. Thomas K. Bauer
Contact:	Christian Rulff GC 3/58 christian.rulff@rub.de
Class times:	Lecture: Wednesday, 2pm–6pm, GC 02/130 Tutorial: Monday, 2pm–6pm, GBCF 04/252
Credit points:	10 ECTS (master)
Language:	English
Registration:	You have to send an email to empwifo@rub.de until April 04, 2018.

2. Description

This module deals with the advanced analysis of econometric methods applicable to micro data. In particular, discrete choice and selection models as well as advanced empirical evaluation methods are covered. Within the lecture, the participants are introduced to the theoretical concepts of the methods. Within the tutorials, these methods are applied to real world data by making use of the econometric software package Stata.

3. Eligibility and prerequisites

The module is open to master students enrolled in the M.Sc. in “Economics” or “Management and Economics”. Priority is given to students enrolled in the M.Sc. in “Economics”. The module is restricted to a maximum of 30 students.

To attend the module, students should have a solid background in microeconomics and econometrics and a great interest in empirical research. Basic knowledge of the statistics program Stata is very helpful.

4. Course grading

The final grade consists of the grade of the exam only (100%). However, you need to pass the assignments in order to take part at the exam.

5. Course material

All course materials will be provided in the respective Moodle course. The password for the course will be communicated in the first lecture.

6. Course schedule

The lecture is scheduled for Wednesday afternoon, 2pm–6pm, in room GC 02/130. The tutorial is scheduled for Fridays afternoon, 2pm–6pm, in room GBCF 04/252.

Date	Type*
09/04/2018	– Tutorial
11/04/2018	– Lecture
16/04/2018	– Tutorial
23/04/2018	– Tutorial
25/04/2018	– Lecture
30/04/2018	– Tutorial
02/05/2018	– Lecture
07/05/2018	– Tutorial
09/05/2018	– Lecture
14/05/2018	– Tutorial
16/05/2018	– Lecture
28/05/2018	– Tutorial
30/05/2018	– Lecture
04/06/2018	– Tutorial
11/06/2018	– Exam

*Please note that the course schedule might be liable to changes.

7. Relevant literature

Cameron, A. Colin and Pravin K. Trivedi (2009), *Microeconometrics Using Stata*. Stata Press.

Cameron, A. Colin and Pravin K. Trivedi (2005), *Microeconometrics; Methods and Applications*. Cambridge University Press.

Long, J. Scott (2009), *The Workflow of Data Analysis Using Stata*. Stata Press.

Wooldridge, Jeffrey M. (2010), *Econometric Analysis of Cross Section and Panel Data*. The MIT Press.