RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG
ALFRED-WEBER-INSTITUT FÜR WIRTSCHAFTSWISSENSCHAFTEN
Dr. Eduard Brüll

Summer term 2022

Economic and Social Statistics

Lecture	Wed	11:30 am	2:00 am	Neue Uni Neue Aula, Grabengasse 3-5
Tutorial	Tue	12:00 am	2:00 pm	Neue Uni SGU 1017, Grabengasse 14-18
	Tue	2:00 pm	4:00 pm	Neue Uni SGU 1017, Grabengasse 14-18
	Thu	12:00 am	2:00 pm	Neue Uni Heuscheuer II, Große Mantelgasse 2
	Thu	2:00 pm	4:00 pm	Neue Uni Heuscheuer II, Große Mantelgasse 2

First lecture: Wednesday, 20.04.2022
First tutorial: Tuesday, 26.04.2022

Description:
„Economic and Social Statistics" is a compulsory course for students in the BSc in "Economics", "Political Science" and "Sociology" programs. The course consists of an *interdisciplinary* and a *subject-specific* module. The interdisciplinary part consists of a 3-hour lecture and a 2-hour tutorial during the first ten weeks of the term. The course offers an understanding of descriptive statistical methods and their usage in the analysis of economic, political and social problems. For students of "Political Science" and "Sociology", the interdisciplinary part is followed by subject-specific lectures in weeks 11 to 15 of the term. The subject-specific part for students of "Economics" consists of five 2-hour computer tutorials with STATA during the first ten weeks of the term.

Contents:
Statistical methods in economics and social sciences (objectives, methods), data acquisition and classification of data (methods of data collection, statistical units and populations), data attributes and measurement (frequency distribution, measures of central tendency and dispersion, ratios, indices), measures of concentration, measures of correlation, simple linear regression.

Exam:

Exam (general part) and subject-specific exam (STATA Take-Home-Exam).

Literature:

Mosler, K. und F. Schmid (2009). Beschreibende Statistik und Wirtschaftsstatistik, Springer.

Behnke, J. und N. Behnke (2006). Grundlagen der statistischen Datenanalyse: Eine Einführung für Politikwissenschaftler. Wiesbaden: Springer VS.