



**RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG**  
ALFRED-WEBER-INSTITUT FÜR  
WIRTSCHAFTSWISSENSCHAFTEN  
Prof. Christian Conrad

Summer term 2020

**Economic and Social Statistics**

<b>Lecture</b>	Tue			online
<b>Tutorial</b>	Wed	1:00 pm	3:00 pm	online
	Wed	3:00 pm	5:00 pm	online
	Thu	2:00 pm	4:00 pm	online
	Thu	4:00 pm	6:00 pm	online

First lecture: Tuesday, 28.04.2020

First tutorial: Wednesday, 29.04.2020

**Description:**

„Economic and Social Statistics“ is a compulsory course for students in the BSc in “Economics” and “Political Science“ 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” 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:* Beschreibende Statistik und Wirtschaftsstatistik, Springer, 2009.

*Benninghaus, H.:* Deskriptive Statistik, verschiedene Auflagen.

*Wagschal, U.:* Statistik für Politikwissenschaftler, München 2000