

Module Handbook (<https://modhb.uni-kl.de/>)

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Notes on the module handbook of the department Social Sciences

Die hier dargestellten Studiengang-, Modul- und Kursdaten des Fachbereichs Sozialwissenschaften [SO] befinden sich noch in Entwicklung und sind nicht offiziell.

Die offiziellen Modulhandbücher finden Sie unter <https://www.sowi.uni-kl.de/studium/> (<https://www.sowi.uni-kl.de/studium/>)

Course SO-07-26.3000-K-5

Data analysis with SPSS and R (2S, 2.0 LP)

Course Type

SWS	Type	Course Form	CP (Effort)	Presence-Time / Self-Study
2	S	Seminar	2.0 CP	28 h 32 h
(2S)			2.0 CP	28 h 32 h

Basedata

SWS	2S
CP, Effort	2.0 CP = 60 h
Position of the semester	1 Sem. in WiSe
Level	[5] Master (Entry Level)
Language	[EN] English
Lecturers	Panis, Sven, Dr. (WMA DEPT: SO) (/staff/573/) + further Lecturers of the department Social Sciences (/staff/dept/SO/)
Area of study	[SO-CSP] Cognitive Science and Psychology
Lifecycle-State	[NORM] Active

Possible Study achievement

- Verification of study performance: **practical exercises (successful participation)**
- Examination number (Study achievement): 38143 ("Data Analysis with SPSS and R")

Contents

In this course students will learn how to calculate descriptive statistics, visualize data, evaluate assumptions, and perform correlational analysis, simple and multiple regression, logistic regression, t-tests, ANOVA, and generalized linear mixed effects regression (i.e., event history analysis).

Requirements for attendance (informal)

None

Requirements for attendance (formal)

None

References to Course [SO-07-26.3000-K-5]

Module	Name	Context	
[SO-04-2602-M-5 (/mhb/modules/SO-04-2602-M-5/)]	Principles and Techniques of Research in Cognitive Science	P: Obligatory	2S, 2.0 LP