

## 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-6

### Methods Seminar for Advanced Modul 1: Reaction Time Analysis (1S, 1.0 LP)

#### Course Type

SWS	Type	Course Form	CP (Effort)	Presence-Time / Self-Study
1	S	Seminar	1.0 CP	14 h / 16 h
(1S)			1.0 CP	14 h / 16 h

#### Basedata

SWS	1S
CP, Effort	1.0 CP = 30 h
Position of the semester	1 Sem. irreg. SuSe
Level	[6] Master (General)
Language	[EN] English
Lecturers	Schmidt, Thomas, Prof. Dr. (PROF   DEPT: SO) (/staff/413/) + further Lecturers of the department Social Sciences
Area of study	[SO-CSP] Cognitive Science and Psychology
Lifecycle-State	[NORM] Active

#### Possible Study achievement

- Verification of study performance: **proof of successful participation in the exercise classes (ungraded)**
- Examination number (Study achievement): 38223 ("Methods Seminar for Reaction Time Analysis 1: Reaction Time Analysis")

## Contents

Students will learn how to design a RT experiment, and measure, preprocess and analyse reaction time and accuracy data. Next to classical methods (outlier detection, repeated-measures analysis-of-variance), students will also learn more advanced methods including (macro- and micro-level) speed-accuracy trade-off functions, and describing RT data using statistics such as hazard and survivor functions.

## Requirements for attendance (informal)

None

## Requirements for attendance (formal)

None

## References to Course [SO-07-26.3000-K-6]

Module	Name	Context	
[SO-07.26030-M-6 (/mhb/modules/SO-07.26030-M-6/)]	Perception - Research and Methods	WP: Obligation to choose	1S, 1.0 LP