

	Topic	Type	Day	Date	Time	Room/zoom
Block A:	1 Course overview & Introduction to R, data analysis	Lecture	Wednesday	2022.10.19	15:15 - 18:30	zoom
		Tutorial	Tuesday	2022.10.25	17:00 - 18:30	
Basics in R and descriptive statistics	2 First steps in data analysis using R	Lecture	Wednesday	2022.10.26	15:15 - 18:30	
		Tutorial	Tuesday	2022.11.01	17:00 - 18:30	
	3 Second steps in data analysis using R	Lecture	Wednesday	2022.11.02	15:15 - 18:30	
		Tutorial	Tuesday	2022.11.08	17:00 - 18:30	
Block B:	4 Epidemiological study designs and study planning	Lecture	Wednesday	2022.11.09	15:15 - 18:30	
		Tutorial	Tuesday	2022.11.15	17:00 - 18:30	
Basic epidemiological and statistical concepts	5 Estimation	Lecture	Wednesday	2022.11.16	15:15 - 18:30	
		Tutorial	Tuesday	2022.11.22	17:00 - 18:30	
	6 Hypothesis testing	Lecture	Wednesday	2022.11.23	15:15 - 18:30	
		Tutorial	Tuesday	2022.11.29	17:00 - 18:30	
	7 Missing data	Lecture	Wednesday	2022.11.30	15:15 - 18:30	
		Tutorial	Tuesday	2022.12.06	17:00 - 18:30	
Block C:	8 Linear regression I	Lecture	Wednesday	2022.12.07	15:15 - 18:30	
		Tutorial	Tuesday	2022.12.13	17:00 - 18:30	
Investigating research questions in real data using statistical regression models	9 Linear regression II	Lecture	Wednesday	2022.12.14	15:15 - 18:30	
		Tutorial	Tuesday	2023.01.10	17:00 - 18:30	
	10 Regression models for binary and count data	Lecture	Wednesday	2023.01.11	15:15 - 18:30	
		Tutorial	Tuesday	2023.01.17	17:00 - 18:30	
	11 Analysis of variance & linear mixed models I	Lecture	Wednesday	2023.01.18	15:15 - 18:30	
		Tutorial	Tuesday	2023.01.24	17:00 - 18:30	
	12 Linear mixed models II & Meta analysis	Lecture	Wednesday	2023.01.25	15:15 - 18:30	
		Tutorial	Tuesday	2023.01.31	17:00 - 18:30	
	13 Survival analysis	Lecture	Wednesday	2023.02.01	15:15 - 18:30	
		Tutorial	Tuesday	2023.02.07	17:00 - 18:30	
14 Causal inference & Data analysis challenge	Lecture	Wednesday	2023.02.08	15:15 - 18:30		

Plan as of October 16, 2022

Prerequisite: Access to laptop in class with R and RStudio installation.

Helpful background: Introduction to programming class such as the 'Fundamentals of Programming' class by Prof. Arnrich.

Condition for admission to final exam: Hand in solutions to 9 of the 11 weekly assignments (no assignment in lectures 1, 9 & 14)

Final grade: Open book take home final exam containing a real-data analysis which is handed out February 8, 2023, to be handed in by March 8, 2023.