

Introduction to Social Sciences for Natural Scientists

Tentative Curriculum

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	Topic	Details	Date & Speaker
Part I: Basics	Introduction	Why Social Sciences for Natural Scientists? Key philosophical issues in social research (ontology, epistemology, ...) Research Design Issues	14 April 2021 - Prof. Dr. Jörg Niewöhner
	Differences in quantitative/quali tative research	Difference between qualitative and quantitative methods/research within the social sciences	26 April 2021 - Jorge Vega Marrot
	Quantitative research	Introduction to principles and processes of quantitative research in social sciences (data collection, analysis, writing up)	3 May 2021 - Marina Andrijevic
	Qualitative research	Introduction to principles and processes of qualitative research in social sciences (data collection, analysis, writing up)	tbc
	Mixed methods	Introduction to principles and processes of “Mixed Methods” approaches	tbc - Beril Ocaklı
	Research ethics	Research ethics in the social sciences	tbc
Part II: Focus on certain topics	How to work interdisciplinary	Barriers and opportunities in collaborative interdisciplinary research	tbc
	Modeling	What is a model? Limits to use social methods to inform models Including psychological, behavioral/ decision- making	tbc
	Working with participants	Knowledge Co-Creation Citizen and community science Scientists working with (remote) communities	tbc
	Gender perspective	tba	tbc

As of 20th April 2021