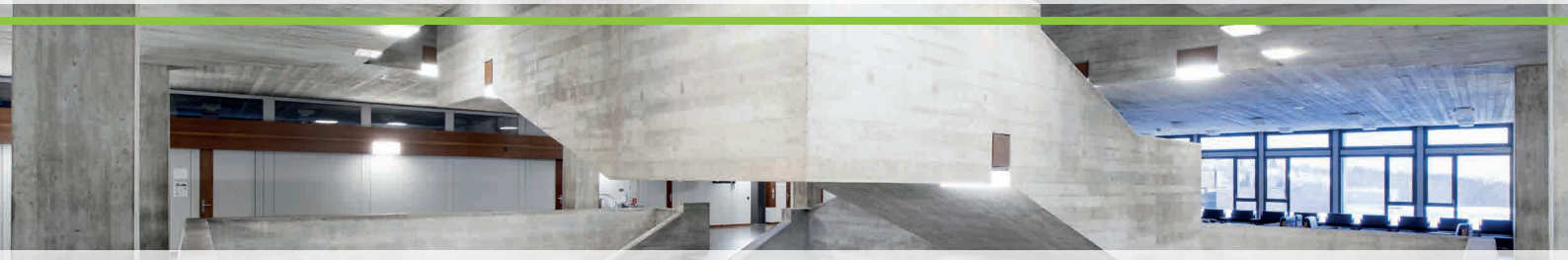
University of St.Gallen

GLOBAL SCHOOL EMPIRICAL RESEARCH METHODS

Improve Your Research Skills.



The GSERM Global School in Empirical Research Methods at the University of St.Gallen is a 3.5 week integrated programme teaching research methodology. We welcome PhD students, Master students, Post-Docs and professionals of all fields, but also members of academia.

You enhance your skills in block seminars taught by world-class faculty amongst an international crowd of participants, also providing you with a unique opportunity for exchanging experiences. Participants choose from different courses offered as block seminars led by internationally renowned lecturers.

General Information

Date 1-19 June 2020

Course Structure 5-day intensive courses (max. 1 course per week)

Course Load 4 ECTS per course / week

Course Costs

1 course / week	CHF 1100
2 courses / weeks	CHF 2100
3 courses / weeks	CHF 3000

Early bird discount until 29 February 2020: CHF 100 (flat-rate)

Accommodation as from CHF 350 per week in shared apartments or in a hotel as per your choice

Services
Support in course selection
Welcome package
Course materials
Transcript of the University of St. Gallen
Sports / social programme
Excursions at weekends

Application deadline 30 April 2020

Contact

Academic Director
Prof. Dr. Andreas Herrmann
Director Institute for Customer Insight
University of St.Gallen

Contact Information
GSERM Global School
in Empirical Research Methods
University of St.Gallen
Tellstrasse 2
CH-9000 St. Gallen
Phone +41 71 224 34 17

gserm@unisg.ch
www.gserm.ch/stgallen

Course Information

1st Session: 1-5 June 2020

Instructor	Course	Level
Enders, Adam	Analyzing Survey Research Data	M
Frölich, Markus	Advanced Microeconometrics	R
Hofstetter, Reto	Data Scraping and Management for Social Scientists with R	B
Lantz, Brett	Machine Learning with R - Introduction	B
McDaniel, Timothy	Regression I - Introduction	B
Meuli, Lorenz	Introduction to Biostatistics	B
Mihas, Paul	Qualitative Research Methods & Data Analysis	B
Mitchell, Sara	Time Series Analysis - Introduction	M
Poe, John	Basic and Advanced Multilevel Modeling with R and Stan	M
Smith, Shawna	Foundations of Machine Learning and Regression Methods for Categorical Outcomes	A
Zhang, Kunpeng	Analyzing Unstructured Data	M

2nd Session: 8-12 June 2020

Instructor	Course	Level
Baer, Douglas	Structural Equation Models I	M
Bennett, Andrew	Case Study Methods	B
Chen, Ding-Geng	Advanced Biostatistics	A
De Mol, Christine	Statistical Learning and Applications	R
Häubl, Gerald	Experimental Methods for Behavioral Science	B
Hayes, Andrew F.	Mediation, Moderation, and Conditional Process Analysis I	M
Heaney, Michael T.	Network Analysis - Statistical Analysis of Social Network Data	M
Kalish, Michael	Bayesian Data Analysis	M
Kwartler, Edward	Text Mining	M
Lantz, Brett	Machine Learning with R - Advanced	M
McDaniel, Timothy	Regression Analysis II - Linear Models	M
Riedhammer Korbinian, Borth, Damian	Deep Learning: Fundamentals and Applications	M

3rd Session: 15-19 June 2020

Instructor	Course	Level
Baer, Douglas	Structural Equation Models II - Advanced Methods	A
Cotton, Richard	Big Data in R: SQL, Spark, NoSQL	M
Füss, Roland, Adams, Zeno	Regression Analysis for Spatial Data	R
Hayes, Andrew F.	Mediation, Moderation, and Conditional Process Analysis II	A
Kwartler, Edward	Data Mining in Business	M
Baty, Florent	Randomized Clinical Trials: General Concepts and Statistical Aspects	M
Ragin, Charles	Qualitative Comparative Analysis	M
Spindler, Martin	Econometrics of Big Data	R
Zorn, Christopher	Regression for Publishing	A

Additional Information

To support you in choosing a course corresponding to your current knowlegde level, there are four different course levels: On a general note, all courses are on PhD level, but differ in their prerequisites in terms of statistical skills. In any case, please refer to the detailed course descriptions on www.gserm.ch/stgallen/courses/ where you can double click on the course name for more information.

B = Basic	Addressing participants with little or no statistical skills.
M = Intermediate	Meant for participants with some knowledge in statistics.
A = Advanced	Ideal for participants with fundamental skills in statistics.
R = Research	Especially designed for participants on a research level with substantial background in quantitative methods.

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