



Gain new Knowledge Quickly.

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 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 2000
2 courses / weeks	CHF 3300
3 courses / weeks	CHF 4400
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

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**9 NEW COURSES
IN 2020!**

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 knowledge 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
M = Intermediate
A = Advanced
R = Research

Addressing participants with little or no statistical skills.
Meant for participants with some knowledge in statistics.
Ideal for participants with fundamental skills in statistics.
Especially designed for participants on a research level with substantial background in quantitative methods.

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