



Data Analysis.

Make the right business decisions.

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	3-21 June 2019
Course Structure	5-day intensive courses (max. 1 course per week)
Course Load	4 ECTS per course / week
Course Costs	
1 course / week	CHF 1700
2 courses / weeks	CHF 2800
3 courses / weeks	CHF 3700
Early bird discount until 28 February 2019: CHF 100	
Accommodation	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 2019

Contact

Academic Director
Prof. Dr. Andreas Herrmann
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**Application portal
open!**

Course Information

1st Session: 3-7 June 2019

Instructor	Course	Level
Frölich, Markus	Advanced Microeconometrics	R
Füss, Roland & Adams, Zeno	Regression Analysis for Spatial Data	R
Heaney, Michael T.	Network Analysis - Statistical Analysis of Social Network Data	M
Jacoby, William	Analyzing Survey Research Data	M
Kalish, Michael	Bayesian Data Analysis	M
Lantz, Brett	Machine Learning with R - Introduction	B
McDaniel, Timothy	Regression I - Introduction	B
Mihas, Paul	Qualitative Research Methods & Data Analysis	B
van Essen, Marc	Meta-Analysis - Beyond Data Synthesis	M
Zhang, Kunpeng	Analyzing Unstructured Data	M



2nd Session: 10-14 June 2019



Instructor	Course	Level
Baer, Douglas	Structural Equation Models I	M
Dellaert, Benedict & Donkers, Bas	Designing and Analyzing Discrete Choice Experiments	M
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
Johnson, R. Burke	Mixed Methods Research	M
Lantz, Brett	Machine Learning with R - Advanced	M
McDaniel, Timothy	Regression Analysis II - Linear Models	M
Poe, John	Basic and Advanced Multilevel Modeling with R and Stan	M
Pollins, Brian	Regression: Foundations & Application Using R	M
Ragin, Charles	Qualitative Comparative Analysis	M
Schmidtke Björn & Herrmann Andreas	Applied Deep Learning in Python	M

3rd Session: 17-21 June 2019

Instructor	Course	Level
Bennett, Andrew	Case Study Methods	B
Baer, Douglas	Structural Equation Models II - Advanced Methods	A
Cho, Hyuk	Data Mining	A
Fischbacher, Urs	Behavioral and Experimental Economics	A
Hansen, Christian & Spindler, Martin	Econometrics of Big Data	R
Hayes, Andrew F.	Mediation, Moderation, and Conditional Process Analysis II	A
Kwartler, Edward	Text Mining	M
Mitchell, Sara	Time Series Analysis - Introduction	M
Smith, Shawna	Categorical Data Analysis	A
Trenkler, Carsten	Time Series Analysis - Advanced Methods	R
Zorn, Christopher	Longitudinal Data Analysis	M



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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