



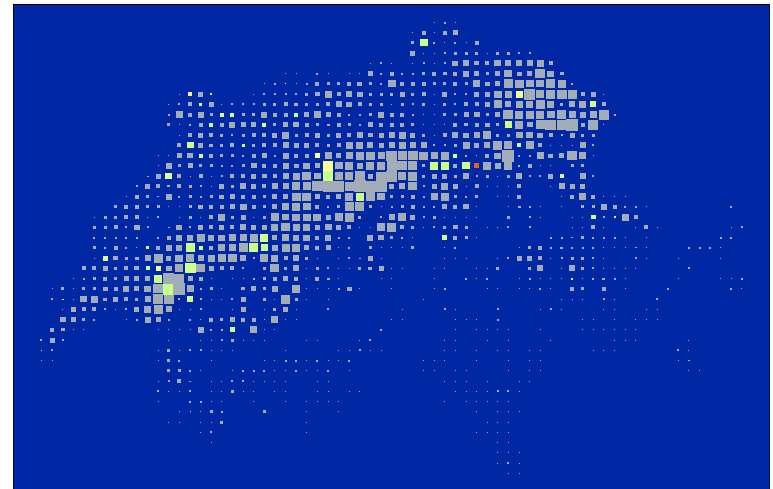
**University of
Zurich^{UZH}**

Master Program in Biostatistics

MSc in Biostatistics

**Learn to master complex data challenges in
biomedicine**

Prof. Leonhard Held, Scientific Director

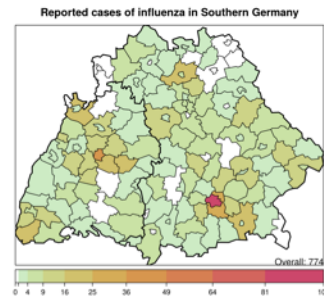


What is Biostatistics concerned with?

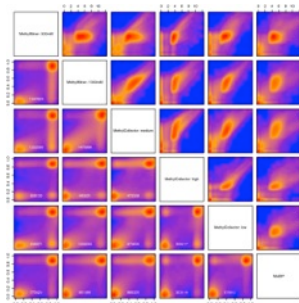
- Clinical Research



- Epidemiology



- Biology/Genomics





Contributing Institutes

- Epidemiology, Biostatistics and Prevention Institute (EBPI), Faculty of Medicine and Faculty of Science
- Institute of Mathematics (I-Math), Faculty of Science
- Institute of Molecular Life Science (IMLS), Faculty of Science





Who are our Students?

Students from all disciplines with a pronounced affinity to quantitative techniques and interest in acquiring state-of-the-art problem solving skills for research in the life sciences.

Semester Fall/Spring	F12	S13	F13	S14	F14	S15	F15	S16	F16	S17
Number of active students	12	11	8	5	7	11	19	17	17	16





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Zurich^{UZH}

Master Program in Biostatistics

Who are our Lecturers?



R. Furrer,
I-Math



L. Held,
EBPI



T. Hothorn,
EBPI



H. Rehrauer,
FGCZ



M. Robinson,
IMLS



M. Roos,
EBPI



B. Seifert,
EBPI



B. Sick,
EBPI



Program Structure

- 90 ECTS
- English language program
- Compulsory modules: Likelihood Inference, Generalized Regression, Clinical Biostatistics, Statistical Methods in Epidemiology, Survival Analysis, Biostatistics Journal Club, Statistical Consulting (19 ECTS)
- Elective modules: Statistical Analysis of High-Throughput Genomic and Transcriptomic Data, Bayesian Data Analysis, Analysis of Longitudinal and Spatial Data, Advanced R Programming,
- Master thesis 30 ECTS, Master exam 5 ECTS



Job Perspectives

- Pharmaceutical industry, biotech companies, other jobs in the private sector requiring advanced quantitative skills
- Biomedical research institutes, hospitals
- Registries, federal or cantonal offices
- Academia





Links

- Homepage: www.biostat.uzh.ch/, see the PR video
- Facebook: www.facebook.com/uzh.biostat/
- EBPI: www.ebpi.uzh.ch
- I-Math: www.math.uzh.ch