

Module title		Abbreviation
Quantitative Methods 2 B		o6-PSSc-QuantizB-152-m01
Module coordinator		Module offered by
holder of the Chair of Quantitative Methods in the Social Sciences		
ECTS	Method of grading	Only after succ. compl. of module(s)
5	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	graduate	May not be combined with o6-PSSc-QuantizA.
Contents		
Selected topics of advanced quantitative data analysis, especially advanced analysis methods and/or modern research design (e.g. Factorial Surveys). Problems of causal inference and identification of causal effects. Particular advanced regression methods such as multi-level analysis, panel data analysis, etc. are treated in depth. Hands-on application with statistical software (e.g. Stata or R).		
Intended learning outcomes		
German intended learning outcomes available but not translated yet. The students know a second selected method of data analysis in its depth (e.g. multi-level analysis or panel data analysis) and can apply it by using statistical software.		
Courses (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English and potentially other language		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) presentation (approx. 30 minutes, pass/fail) b) short presentation (approx. 15 minutes, pass/fail) c) essay (approx. 5 pages, pass/fail) d) review (approx. 3 pages, pass/fail) e) log (approx. 3 pages, pass/fail) f) leading a discussion (approx. 45 minutes) on a topic specified by the lecturer as part of a course (pass/fail) g) scientific poster (approx. 50 hours total, pass/fail) h) portfolio (approx. 50 hours total, pass/fail) Assessment offered: In the semester in which the course is offered, no less than once a year Language of assessment: German and/or English and potentially other language		
Allocation of places		
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Additional information		
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Workload		
150 h		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (2 majors) Political and Social Sciences (2015) Master's degree (1 major) Political and Social Sciences (2015) Master's degree (1 major) Political and Social Sciences (2020)		