

Module title		Abbreviation
Quantitative Methods 2 A		o6-PSSc-QuantizA-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	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	May not be combined with o6-PSSc-QuantizB.
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		
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) written examination (approx. 90 minutes, numerical grade) or b) oral examination of one candidate each (approx. 30 minutes, numerical grade) or c) term paper (approx. 25 pages, numerical grade) or d) presentation (approx. 30 minutes, numerical grade) and term paper (approx. 25 pages, numerical grade), weighted 1:4 or f) portfolio (approx. 50 hours total, numerical grade) or g) research report (approx. 15 pages, numerical grade) Language of assessment: German and/or English and potentially other language creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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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) Chinese Politics and Society (2019) Master's degree (1 major) Political and Social Sciences (2020)		

