

<b>Module title</b>		<b>Abbreviation</b>
Quantitative Methods 2 A		o6-PSSc-QuantizA-212-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Quantitative Methods in the Social Sciences		
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	May not be combined with o6-PSSc-QuantizB.
<b>Contents</b>		
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).		
<b>Intended learning outcomes</b>		
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.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
S (2) Module taught in: German and/or English and potentially other language		
<b>Method of assessment</b> (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		
<b>Allocation of places</b>		
5 places. There are no restrictions with regard to available places for students of Political and Social Sciences (Master's, 120, 45 ECTS credits) or Social Sustainability Sciences. The number specified is the total number of places that will be allocated to students of other degree subjects in the SFB (list of modules) of which this module is listed. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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**Module appears in**

Master's degree (1 major) Social Science Sustainability Studies (2021)

Master's degree (1 major) Chinese Politics and Society (2025)