

Module title		Abbreviation
Advanced Studies in Sociological Theory 5		o6-NF-VS5-092-mo1
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	undergraduate	By way of exception, additional prerequisites are listed in the section on assessments.
Contents		
Techniques of ordinary least squares regression using statistical software like SPSS, SAS, R, or STATA: deduction of hypotheses from theories in political sociology; construction of hierarchical models; calculation and interpretation of f-tests and increment f-tests; R^2 as a measure of explained variance; t-tests for linear effects, effects of categorical factors, nonlinear effects, and interaction effects; calculation of conditional predicted values; prerequisites of ols regression models; oral and written discussion and presentation of ols-regression models		
Intended learning outcomes		
Participants acquire the competency to use techniques of OLS regression modelling in statistical software in order to test hypotheses deduced from scientific theories and to present findings both in oral and written form in the scientific community.		
Courses (type, number of weekly contact hours, language — if other than German)		
This module has 2 components; information on courses listed separately for each component. <ul style="list-style-type: none"> o6-AM-DA2-1-092: S (no information on language and number of weekly contact hours available) o6-AM-DA2-2-092: S (no information on language and number of weekly contact hours available) 		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
This module has the following 2 assessment components. To pass the module as a whole students must pass one of the two assessment components.		
Assessment component to module component o6-AM-DA2-1-092: Aufbaumodul Datenauswertung 2-1 <ul style="list-style-type: none"> 5 ECTS credits, method of grading: numerical grade a) research report (approx. 15 pages) or term paper (approx. 15 pages) or scientific poster (1 page DIN Ao) Language of assessment: German or English and in addition French if required Other prerequisites: Empfohlen werden Kenntnisse der Statistik and der Methoden der empirischen Sozialforschung 		
Assessment component to module component o6-AM-DA2-2-092: Aufbaumodul Datenauswertung 2-2 <ul style="list-style-type: none"> 5 ECTS credits, method of grading: numerical grade a) research report (approx. 15 pages) or term paper (approx. 15 pages) or scientific poster (1 page DIN Ao) Language of assessment: German or English and in addition French if required Other prerequisites: module component o6-AM-DA2-1 is recommended, a knowledge of statistics and of the methods of empirical social research is recommended as well. 		
Allocation of places		
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Additional information		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		



Bachelor's degree (2 majors) Political and Social Studies (2009)