

Module title		Abbreviation
Introduction to Data Analysis and Statistics I		o6-PSS-FSQ-Meth1-152-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	--
Contents		
Basic concepts (measurement, scale levels), univariate statistics (frequencies, measures of central tendency, measures of dispersion), basics of inferential statistics, bivariate statistics (cross-tabulation, correlation, t-test), analysis of variance, OLS regression		
Intended learning outcomes		
The students know the most important measures of statistics. They are able to apply these measures adequately to empirical questions, calculate them in the right way and interpret them correctly. They know the assets and drawbacks of the measures covered by the course. They can apply a statistical program to deal with the contents covered by the course.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) + Ü (1) Module taught in: German and/or English		
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) or b) oral examination of one candidate each (approx. 30 minutes) or c) written examination (approx. 90 minutes) and 3 to 5 written exercises (approx. 10 hours total), weighted 8:2 Language of assessment: German and/or English		
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)		
§ 22 II Nr. 1 h) § 22 II Nr. 3 f) § 56 I Nr. 2 § 81 I Nr. 2		
Module appears in		
Bachelor's degree (1 major) Political and Social Studies (2015) Bachelor's degree (1 major, 1 minor) Political and Social Studies (Minor, 2015) Bachelor's degree (1 major, 1 minor) Political and Social Studies (2015) Bachelor's degree (2 majors) Political and Social Studies (2015) First state examination for the teaching degree Grundschule Social Science (2015) First state examination for the teaching degree Gymnasium Social Science (2015)		

First state examination for the teaching degree Mittelschule Social Science (2015)
Module studies (Bachelor) Orientierungsstudien (2020)
Bachelor's degree (1 major) Political and Social Studies (2020)
Bachelor's degree (1 major, 1 minor) Political and Social Studies (2020)
Bachelor's degree (1 major, 1 minor) Political and Social Studies (Minor, 2020)
Bachelor's degree (2 majors) Political and Social Studies (2020)
First state examination for the teaching degree Grundschule Political and Social Studies (2020)
First state examination for the teaching degree Mittelschule Political and Social Studies (2020)
First state examination for the teaching degree Gymnasium Political and Social Studies (2020)
Teaching degree Gymnasium Erweiterung Political and Social Studies (2020)
Teaching degree Sonderpädagogik Erweiterung Political and Social Studies (2020)
Teaching degree Gymnasium Erweiterung Political and Social Studies (2020 Erweiterungsfach)
Teaching degree Sonderpädagogik Erweiterung Political and Social Studies (2020 Erweiterungsfach)