Module title	Abbreviation
Introduction to Data Analysis and Statistics II	06-PSS-FSQ-Meth2-152-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	undergraduate	--

Contents

Multivariate analysis procedures for cross-sectional data (multiple OLS regression, logistic regression, models for count data), regression diagnostics, basics of advanced multivariate analysis procedures for different data structures (e.g. event history analysis, panel data analysis, multi-level analysis)

Intended learning outcomes

The students know which multivariate data analysis methods are to be applied to which data structure. They will understand the basic principles of the methods dealt with and which model assumptions have to be fulfilled. They are able to interpret the results correctly.

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' 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)
Bachelor' 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)