# Data Analysis for Social Studies

**Abbreviation**: 06-LPO-DA-112-m01

**Module coordinator**: holder of the Chair of Quantitative Methods in the Social Sciences

**ECTS**: 3  
**Method of grading**: numerical grade  
**Duration**: 1 semester  
**Module level**: undergraduate

## Contents

Introduction into the calculation of statistics using statistical software like SPSS, SAS, R, or STATA: Data management and data transformations; univariate statistics: measures of central tendency, dispersion and shape; confidence intervals; bivariate statistics: contingency tables and means of subsamples

## Intended learning outcomes

Participants are able to use standard statistical software packages like SPSS, SAS, R oder STATA to organize and transform data. They are able to compute common univariate and bivariate statistics

## Courses

S (no information on SWS (weekly contact hours) and course language available)

## Method of assessment

a) presentation (maximum 90 minutes) and exercises or b) presentation (maximum 90 minutes) and written examination (approx. 30 minutes) or c) term paper (approx. 10 pages) and written examination (approx. 30 minutes) or d) term paper (approx. 15 pages) and exercises; in each option the 2 components being weighted 2:1

Language of assessment: German, English

## Allocation of places

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## Additional information

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**Referred to in LPO I**  
(examination regulations for teaching-degree programmes)  
§ 81 (1) 2. Sozialkunde Soziologie

**Module appears in**  
First state examination for the teaching degree Gymnasium Social Science (2009)