Module title	Abbreviation
Practice of Data Analysis	12-PD-242-m01

Module coordinator	Module offered by
Holder of the Chair of Econometrics	Faculty of Business Management and Economics

ECTS	Method of grading	Only after succ. compl. of module(s)	
5	numerical grade	--	

Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	

Contents

Daily work in all areas of business - companies, science, institutions and politics - is based on the acquisition, processing and analysis of various data. These must be collected or generated and then processed and analyzed. In addition, data-based processes and business models offer many opportunities and challenges. The course covers the above mentioned topics and includes a theoretical and a practical part. In the theoretical part, basic knowledge in dealing with data, empirical work and the statistical software R will be taught. In the practical part of the research seminar webinars & field trips are offered.

Intended learning outcomes

Students able to apply statistical methods to collect numerical data.

Courses (type, number of weekly contact hours, language — if other than German)

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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. 60 minutes) or
b) term paper (approx. 10 pages) and presentation (approx. 20 minutes), weighted 2:1
Language of assessment: German and/or English
creditable for bonus

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)

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Module appears in

Bachelor' degree (1 major) Business Information Systems (2024)
Bachelor' degree (1 major) Economathematics (2024)
Bachelor' degree (1 major) Business Management and Economics (2024)
Bachelor's degree (1 major, 1 minor) Business Management and Economics (Minor, 2024)