

Module title		Abbreviation
Practice of Data Analysis		12-PD-152-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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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		
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 Management and Economics (2015) Bachelor' degree (1 major) Economathematics (2015) Bachelor' degree (1 major) Business Information Systems (2015) Master's degree (1 major) China Business and Economics (2016) Bachelor' degree (1 major) Business Information Systems (2016) Bachelor' degree (1 major) Economathematics (2017) Master's degree (1 major) China Business and Economics (2019) Bachelor' degree (1 major) Business Information Systems (2019) Bachelor' degree (1 major) Business Management and Economics (2019) Bachelor' degree (1 major) Business Information Systems (2020) Master's degree (1 major) China Business and Economics (2021)		

Bachelor' degree (1 major) Business Information Systems (2021)
Bachelor' degree (1 major) Economathematics (2021)
Bachelor' degree (1 major) Business Management and Economics (2021)
Bachelor's degree (1 major, 1 minor) Business Management and Economics (Minor, 2021)
Bachelor' degree (1 major) Economathematics (2022)
exchange program Business Management and Economics (2022)
Bachelor' degree (1 major) Business Information Systems (2023)
Bachelor' degree (1 major) Economathematics (2023)
Bachelor' degree (1 major) Business Management and Economics (2023)
Bachelor's degree (1 major, 1 minor) Business Management and Economics (Minor, 2023)