

Module title		Abbreviation
Applied Stochastics Lab for Econometrics		10-M-ASLW-252-m01
Module coordinator		Module offered by
Dean of Studies Mathematik (Mathematics)		Institute of Mathematics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Random number generators, Monte Carlo simulation, descriptive statistics, implementation of tests, estimators and confidence intervals, linear and logistic regression, analysis of (co-)variance, data applications.		
Intended learning outcomes		
The student is acquainted with statistical software, e.g. R, able to apply suitable statistical methods to given data and problems and to adequately work out and present developed solutions.		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + P (2)		
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) project work (20 to 50 hours) or b) written examination (approx. 60 to 120 minutes) 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's degree (1 major) Econometrics (2025)		