Introduction to Data Analysis using Stata					
Module no.	**Credits** 5 CP	**Workload** 150 h	**Term** 1.-3. Sem.	**Frequency** Winter	**Duration** 1 Semester
Courses Seminar			**Contact hrs** 2 SWS	**Self-Study** 127,5 h	**Group size** 25
Language English			**Prerequisites** -		
Registration Via Moodle, for detailed information please see our webpage					

Specialisations			
Economic Policy Consulting M.Sc.			
	Compulsory Module (20 ECTS)		International and Spatial Economics
X	**Empirical Economics**		Umweltmanagement, Ressourcen und Energie
	Entrepreneurship, Innovation und Transformation	**X**	**Elective module**

Management and Economics M.Sc.			
	Accounting & Auditing		Production management
	Entrepreneurship, Innovation & Transformation		Development Economics
	Banking & Finance	**X**	**Statistics & Econometrics**
	Governance Systems		National Security Economics
	Business Taxation	**X**	**Theoretical & Applied Microeconomics**
	International Finance		Energy and Environmental Economics
	Controlling	**X**	**General Economics**
	Sales & Innovation		General Management
X	**Data Science & Quantitative Analysis**		

Finance, Accounting, Auditing, Controlling & Taxation M.Sc.			
	Core module (25 ECTS)		Finance
	Accounting		Auditing
	Controlling		Taxation
	Compulsory elective (20 ECTS)	**X**	**Elective module (max. 15)**

Sales Management M.Sc.			
	Compulsory module (45 ECTS)	**X**	**Elective module (max. 20 ECTS)**
	Compulsory elective (min. 15 ECTS)		

Economics MSc.			
	Core module (30 ECTS)	**X**	**Elective in Economics (min. 75 ECTS)**

	International Economics and Finance		Elective in Management (max. 15 ECTS)
	Economic Policy		

Management MSc.			
	Accounting, Finance, Taxation		Elective in Management (min. 60 ECTS)
	Operations and Service Management	**X**	**Elective in Economics (max. 30 ECTS)**
	Marketing		

Learning outcomes
The module aims at giving students a solid base to independently prepare and analyze data using the statistical software package Stata. At the end of the module, the students are equipped with the necessary skills to conduct their first empirical projects.

Content
Using the seminar sessions as well as the different contents and applications of Moodle, the students will get an introduction to the statistical software package Stata and acquire the skills to work on their own projects. Through seminar sessions, tests and small applications on each topic, the students will prepare for the final test.

Teaching methods
Seminar

Mode of assessment
The final module grade corresponds to the grade of the online test.

Requirement for the award of credit points

Weight of the mark for the final score (based on a required coursework of 120 ECTS)
4,17 %

Module coordinator and lecturer(s)
Bauer and teaching assistants

Learning material and relevant literature
Kohler/Kreuter (2012): Data Analysis Using Stata. Stata Press.

Further information
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