

Modul BW23: Empirical Economics				Studiengang:	B
Modultyp:	ECTS-Punkte:	Workload:	Studiensemester:	Dauer des Moduls:	
Wahlpflicht	12	360	4. oder 6.	Ein Semester	
Lehrveranstaltungen:			Kontakt-zeit:	Selbst-studium:	geplante Gruppen-größe
Introductory Empirical Economics (4 SWS) Introductory Econometrics (2 SWS)			60 h 30 h	180 h 90 h	20
Lernziele und Kompetenzen:					
Students will learn the basic concepts of empirical economic research and, in particular, how to apply statistical and econometric methods and tools to current relevant economic issues. The understanding of the theoretical methods will be deepened by their practical, empirical application to selected datasets by means of a standard econometric software package (STATA).					
Inhalte:					
<p>The module will start with a refresher of basic concepts in statistics and linear algebra. We will then move onto the introduction to basic econometric tools. The topics covered will range from the simple linear regression model, to the multivariate regression model, to the OLS estimator and its properties, to heteroscedasticity, and to binary variables models. We will conclude with an introduction to time-series and simple panel models. There will be a strong focus on relevant (economic) applications and the use of data to enhance the students' understanding of the usefulness of the material.</p> <p>The lectures are especially aimed at developing the ability to understand empirical tools and will, therefore, be more formal. The focus is mainly on the derivation of different empirical approaches, the intuition behind them, but also the identification of the limits of these methods. In the class, we will apply these methods to real data. Therefore we will also introduce the students to the econometric software package STATA. Hence, during the course students will learn to formulate simple empirical questions, collect relevant data, select appropriate empirical methods to be applied to the data, and formulate a meaningful interpretation of the empirical results of their analysis.</p> <p>By the end of the module students will have acquired the necessary skills and knowledge to be able to critically appraise work in the area of applied economics. They will have a good intuitive and theoretical grasp of the uses, pitfalls and problems encountered when doing applied modeling. The module will also equip students with the necessary background material to be able to go on to study more advanced and technical material in the area of econometrics. The skills developed in this module are not only necessary in the context of economic analysis, but also very valuable in practice for the assessment of (economic) policy discussions.</p>					
Lehrformen:					
Lecture (Vorlesung) und Class (Übung).					
Verwendbarkeit des Moduls:					
B.Sc. VWL					
Teilnahmevoraussetzungen:					
Basic knowledge in statistics is needed (but we will also have a refresher of the basics!)					

Prüfungsformen:
Die Modulabschlussprüfung erfolgt schriftlich in Form einer Klausur (90 Minuten).
Voraussetzungen für die Vergabe von ECTS-Punkten:
Erfolgreich abgelegte Modulabschlussprüfung.
Häufigkeit des Angebots:
Das Modul findet in jedem Sommersemester statt.
Stellenwert der Note für die Endnote:
Die Gesamtnote der Bachelorprüfung errechnet sich als gewichtetes arithmetisches Mittel aus den Noten der Modulabschlussprüfungen und der Bachelorarbeit. Dabei wird die Bachelorarbeit dreifach gewichtet.
Modulbeauftragte und hauptamtlich Lehrende:
Prof. Dr. Tomaso Duso
Sonstige Informationen:
Aktuelle Informationen finden Sie auf der Internetseite des DICE oder unter: http://sites.google.com/site/tomasoduso/teaching/empirical-economics

Stand: 21.02.2011