

Econometrics II (ECON II)

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Course Description:

(Panel Data Econometrics) Starting with a thorough review of key results of least squares regression theory the course moves next to a brief introduction to the analysis of covariance. Then the (one-way) fixed and random effects model including the asymptotic properties of estimators and hypotheses testing including specification tests are discussed in detail. Several generalizations of the basic material (i.e. two-way effects models, unbalanced data, individual specific variables, heteroskedasticity) follow. If time permits dynamic models are studied towards the end of the course. The focus of the course is to develop a clear understanding of the methods (including the assumptions and limitations). The course is complemented by tutorials in which both pencil and paper as well as computer examples are discussed. The students are also required to implement (some of) the methods themselves in a programming environment like MATLAB. The level of the course is oriented at books like Cheng Hsiao, Analysis of Panel Data (2nd Ed.).

Time schedule:

Thu,	Mar 29	14-15.30, HS II
Fri,	Mar 30	09-10.30, HS II additional unit 11.00-12.30, HS II
Thu,	Apr 5	11.00-12.30, HS II, problem session (exchange of Apr 17)
Easter break		
Wed,	Apr 11,	14-15.30, HS II
Thu,	Apr 12,	14-17.30, HS II
Mon,	Apr 16,	14-15.30, tba
Tue,	Apr 17,	11.00-12.30, HS II NEW! (exchange unit on Apr 5)
Wed,	Apr 18,	14-17.30, tba
Thu,	Apr 19	14-15.30, HS II NEW!
Mon,	Apr 23,	11-12.30 & 14-15.30, HS II NEW!
Tue,	Apr 24	14-15.30, HS II NEW!
Wed,	Apr 25,	14-17.30, HS II
Mon,	Apr 30,	14-15.30, HS II
Wed,	May 02,	14-17.30, HS II

Location:

Institute for Advanced Studies, Vienna
1060, Stumpergasse 56

Examination:

Tue, May 15, 14.00-16.00, SZ VI