

COURSE INFORMATION

Econometrics in a Nutshell aims to acquaint students with the basic econometric concepts and methods necessary to read and understand current empirical research and policy evaluation in economics, and to plan and execute independent research projects.

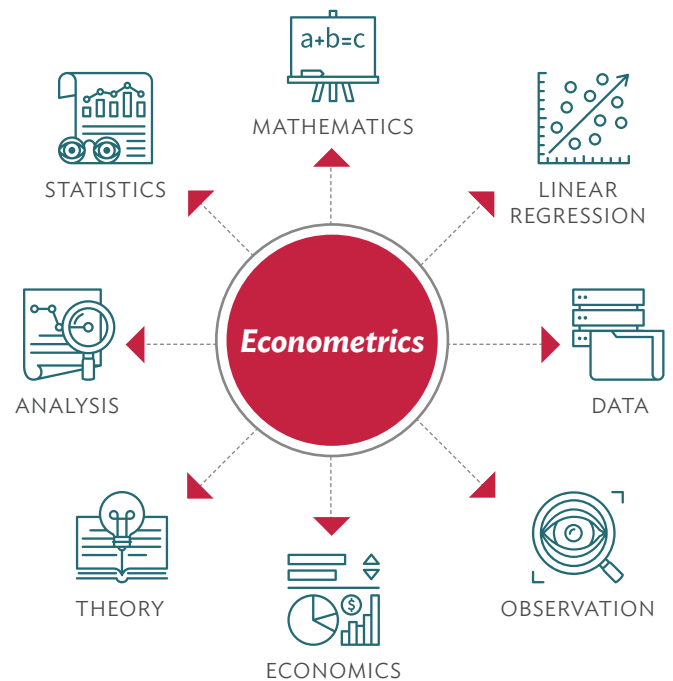
Course Dates

January 23 – February 24, 2023; Final exam week: February 27 – March 3, 2023

COURSE DESCRIPTION

The course will introduce regression analysis and cover some of the most recent econometric techniques central to modern econometric practice. Successful students will gain a deeper understanding of the material discussed in other Distance Learning Program courses. They will be up to speed with Western European students at the same education level, making them more competitive in their further studies and on the labor market.

At the end of this course students will understand basic econometric concepts, basic estimation methods, and methods for testing statistical hypotheses. They will be able to apply standard methods of constructing econometric models, process statistical information, obtain statistically sound conclusions, and give meaningful interpretation to the results of the estimated econometric models. In addition, students will gain real data processing skills, using econometric packages for building and estimating econometric models in R.



MAIN INSTRUCTOR: ELLA SARGSYAN

Ella Sargsyan is a Junior Researcher and Ph.D. candidate at CERGE-EI (Center for Economic Research and Graduate Education – Economics Institute). She holds an M.A. in Economics from CERGE-EI and ISET. Her research interests are mainly in the field of Development Economics with her current research focused on the impact of violent conflicts on various economic, social,

and political factors in developing countries. She particularly enjoys working with spatial data. Since 2016, Ella has been involved in teaching, both as a graduate teaching assistant and as an instructor of courses including Statistics, Econometrics, Development Economics, and Microeconomics. She also works with the pedagogical team of CERGE-EI's Academic Skills Center and serves as an instructor for several pedagogical training courses for economists.

▶ ABOUT THE DISTANCE LEARNING PROGRAM

In Spring 2020 the CERGE-EI Foundation launched a Distance Learning Program, live-streaming undergraduate courses to universities across the region. The objective of this program is to provide specialized, advanced courses which could be difficult for many institutions to offer, either because of insufficient student demand or because of a lack of faculty with the relevant expertise. The Prague-based faculty are western-qualified and the courses are taught in English. They are supported by faculty or PhD students at the participating institutions: a longer-term objective of the project is to aid local capacity-building. In its first six semesters, the Distance Learning Program has reached 5,366 students through 40 courses delivered to 16 institutions in 9 countries.