Econometrics is a four-semester, English-language master's program of the UAR Universities TU Dortmund, Ruhr-University Bochum and the University of Duisburg-Essen. The program is carried out jointly by the faculties of economics of the three universities and the Faculty of Statistics @ TU Dortmund. It combines the expertise and breadth of the participating faculties in empirical economic research and economics with the methodically oriented training of the statisticians and econometricians at Germany's unique Faculty of Statistics. This bundling of training and research skills enables a specialized curriculum for quantitatively-oriented students which covers a wide range of topics in econometrics and applied economics.

Students acquire the ability to combine their statistical methodological competence with their proficiency in economics and apply both in an interdisciplinary manner. They gain extensive knowledge of econometric methods and models and an in-depth understanding of central economic causal relationships and resulting econometric questions. The program particularly supports research-interested students in developing theoretical-analytical skills with regard to specific research questions in economics and thus prepares optimally for a doctorate in econometrics or neighbouring disciplines. Graduates are well prepared for a career in econometrics, empirical economics research, evidence-based policy counselling, or operational research.