Course Code: ACT616M

Course Title: Econometrics

Course Description:

ACT616M – Econometrics is an introductory course to quantitative methods in economics. The course shall train students to construct, estimate, and interpret linear regression models to conduct empirical analysis and applied research in economics, business management, and policy work. The course shall also cover non-linear models in the presence of dichotomous and limited dependent variables as well as sample selection problems. The emphasis of the course is on empirical applications, on techniques for estimating econometric models of various kinds and for conducting tests of hypotheses of interest to economists, and the mathematical rigor of econometrics will be introduced only as needed. Along with the discussion of these models, the course shall train students to use Stata 15 and R for data analysis. The goal is to help you develop a solid theoretical background in introductory level econometrics, the ability to implement the techniques and to critique empirical studies in economics and business.

Department: Accountancy

References:

Prescribed textbook:
   ● Wooldrige, Jeffrey M. (2009). Introductory Econometrics: A Modern Approach, 4th edition. South-Western (available on AnimoSpace).
Other references:
   ● Dadomar Gujarati and Dawn C. Porter (2008). Basic Econometrics (5th edition). McGraw-Hill
   ● James H. Stock and Mark W. Watson, "Introduction to Econometrics", 3rd edition, Prentice Hall.