

# Short course in **ECONOMETRICS**

This course will revise the statistical concepts relevant to regression analysis. It will then introduce Ordinary Least Squares regression and discuss how and why it is used. Violations of the assumptions required for OLS and their implications will also be covered. Inference in multiple regression is the last topic in basic regression. The course then covers regression with qualitative variables (including Linear Probability models, logits and probits). The final day is devoted to specification and data issues in regression analysis.

**Prerequisites:** Course participants should be familiar with Stata and with basic statistical tools.

**Dates:** 21 to 25 January 2019

**Course Fees:** The cost of the course is R 9 600.00. **Partial scholarships** are available to bona fide students and academics.

**Course Instructor:** Dr Andrew Kerr, DataFirst

**Deadlines:** Closing date for applications is 10 October 2018

[Apply Online](#)

<http://bit.ly/econometrics-2019>

SALDRU and DataFirst will be running this course under the auspices of the School of Economics at the University of Cape Town.

- ✉ SALDRU is the premier research unit analysing poverty and inequality in South Africa. They managed the first nationally representative survey run in South Africa in 1993 and is currently managing the National Income Dynamics Study on behalf of the DPME.
- ✉ DataFirst is SA's premier open data service, disseminating over 400 studies to researchers throughout the world. It has run workshops on data curation and data quality for many African national statistics agencies. They are NSTF-South32 award winners in Data for Research.
- ✉ The School of Economics at UCT is the top-rated Economics Department in Africa, with a particularly strong record in applied work through research units like SALDRU.



 **DataFirst**

