



SACEMA

DST-NRF Centre of Excellence in Epidemiological Modelling and Analysis

**Short Course on Introduction to R:
Management, Exploration and Communication of Data
Stellenbosch University, 12 to 16 August 2019**

SACEMA invites applications for the short course on introduction to R: management, exploration and Communication of Data. The course will be held at SACEMA and will take place over 5 days starting 12 to 16 August 2019. The course starts at 09h00 daily and ends at 17h00.

Dr. Roxanne Beauclair is a Senior Consulting Data Analyst at Data Yarn in Pretoria and will be presenting this intensive five-day course on Introduction to R, at SACEMA. The course fee is **R6000 for early bird registration** by the 31st of May and **R7000 for late registration** by the 31st of July 2019. For international participants, the fee is **€500 for early bird registration**, and **€600 for late registration**. (Note: Full payment must be processed prior to start of the course.)

Course overview: R is an open-source, statistical software platform that is growing in popularity. This course is designed to introduce quantitative scientists to the fundamentals of programming in R, using RStudio. Specific topics that will be covered include:

- importing data
- reshaping/tidying data
- merging/joining datasets
- handling dates and transforming numeric and categorical variables
- summarizing data with plots and tables

The course is suitable for graduate students or professionals who are familiar with statistical analysis and have managed or interacted with datasets using other software platforms.

*For further details, instructions, and application forms, go to: www.sacema.org/node/R-2019
Enquiries may be directed to: Mr Masimba Paradza at: mwparadza@sun.ac.za.*



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