

Basic Skills and Methods Course

An Introduction to R (software use and code writing)

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25 – 26 April 2019

Objectives

This course will provide a brief introduction to the practical usage of R: a widely adopted and flexible statistical programming language and environment. The primary goal is to help participants understand how R's basic components work and how to interact with them for scientific data analyses. We will cover the logic of basic R coding, working with contributed packages, data handling, and visualization. Due to the course's brevity, each topic will be covered in a hands-on manner, with more emphasis on practice than background theory.

Please note, that statistics is not the topic of this introductory course. This will be covered in the courses by Prof. Dr. Dieter Wolf-Gladrow 8 – 10 May 2019 (part I) and 17 – 19 June 2019 (part II).

Software used in the course

R: at least version 3.2.3 (<https://cran.r-project.org>)

Tinn-R (text editor): at least version 4.0.3 (<https://sourceforge.net>)

R studio: at least version 3.0.1 (<https://www.rstudio.com>)

Please note: Participants who would like to bring their own laptops may do so but are responsible to make sure that the software is running properly by the beginning of the course. Thus, the software need to be installed before the course. During the course, support can only be given for laptops provided by us.

Target group

Beginners

Location and Time

MARUM, University of Bremen, Leobener Str. 8, 28359 Bremen, Germany

MARUM I (main) building, room 0190

25 April 2019, 9.00 – 13.00 hrs.

26 April 2019, 9.00 – 12.30 and 14.00 – 16.00 hrs.

Early Career Researcher Support Programme

Registration

To register for this course, please visit the [course webpage](#).

Please note that your registration will be binding.

The registration deadline for this course is **15 April 2019**.

Any enquiries regarding the course should be addressed to early-career@marum.de.