

COURSE INFORMATION

EUPeace Alliance University	Marburg University
Course Title	Base R - no statistics, no fancy packages, just plain R
Department and/or Faculty	Department of Geography FB19: Geographie
Course Code	LV-19-050-217
Course Type	Course Modality
☒ Curricular ☐ Non-curricular	☒ Online ☐ Synchronous ☐ Asynchronous ☒ Both (A/S)ynchronous
	☒ In-person ☐ Lecture ☐ Laboratory
Date	24.10.2025 - 13.02.2026
Language(s) of Instruction	English
Course Coordinator	Dr. Lea Heidrich, Dr. Dirk Zeuss
Course Instructor	Dr. Lea Heidrich

TARGET AUDIENCE

Suitable as Pre-Service Teacher Training Course

☐ Pre-primary ☐ Primary ☒ Secondary Lower ☒ Secondary Upper ☐ Tertiary

Suitable as In-Service Professional Development Course

☐ Pre-primary ☐ Primary ☐ Secondary Lower ☐ Secondary Upper ☐ Tertiary

Suitable for non-student body

☐ Administrative staff ☐ Other

TYPE – WORKLOAD – RECOGNITION

Number of hours	See under ECTS Credits.
☒ ECTS Credits	Clarify the scope of the course in consultation with the lecturer and your home university before the course begins.
☐ Certificate	

COURSE DESCRIPTION (EN/L1 [if taught in L1])

Content

The free programming language R is an indispensable tool for statistical analysis and data visualisation in many disciplines. Unfortunately, there is still a widespread belief that R is difficult to learn, which unnecessarily complicates the entry into the world of R for many newcomers. We want to change this with this course. By the end of the course, you should know and understand the basic features of this object-oriented programming language, be able to apply your knowledge and understanding flexibly in various programming contexts, and have the basic programming skills to work on more complex subject-specific projects.

HTML learning platform: <https://geomoer.github.io/moer-bsc-base-r/>

Competences & Learning Objectives

You will learn how to address object and data types, format data sets as required and describe them using descriptive statistics, create graphs and even write your first functions and loops.

LINK to Course Details | Click [here](#)