	Implementation schedule	Physically/ remotely	Workload (hours) On site	Autonomous work for students (max hours)	Learning outcomes
Activity 1	Introduction of long-term field experiment, software for literature search and data analysis	Physically	10	10	Knowledge on the software Zotero, R and RStudio. Understanding of the long-term field experiment at University of Rostock
Activity 2	Laboratory work, measurement of water extractable P. double-lactate extractable P and pH in soil	Physically	10	0	Knowledge and skills of laboratory approaches for determination total carbon, total nitrogen, mineral nitrogen in soil
Activity 3	Data analysis and visualization	Physically	10	20	Knowledge of data analysis and data visualization via software R and RStudio
Activity 4	Writing report / thesis	Physically	10	20	Enhanced proficiency in scientific wiring
Activity 6	Presentation	Physically	10	10	Enhanced proficiency in oral presentation and communication