

|                   | Implementation schedule   | Physically/remotely | Workload (hours)<br>On site or remotely | Learning outcomes   |
|-------------------|---|---------------------|---|---|
| <b>Activity 1</b> | Introduction of field experiment, and software data analysis  | Physically          | <b>20</b>                               | Knowledge on the software R and RStudio.<br><br>Understanding of the greenhouse experiment at University of Rostock |
| <b>Activity 2</b> | Laboratory work, sample preparation, measurement of Nmin content and dehydrogenase activity in soil samples | Physically          | <b>20</b>                               | Knowledge and skills of laboratory approaches for determination of different soil quality parameters                |
| <b>Activity 3</b> | Data analysis and visualization   | Physically          | <b>20</b>                               | Knowledge of data analysis and data visualization via software R and RStudio  |

|                   |                         |            |           |   |
|-------------------|-------------------------|------------|-----------|---|
| <b>Activity 4</b> | Writing report / thesis | Physically | <b>20</b> | Enhanced proficiency in scientific wiring                   |
| <b>Activity 5</b> | Presentation            | Physically | <b>20</b> | Enhanced proficiency in oral presentation and communication |