

Sample preparation for high-throughput sequencing

PhD course given by the Organism Biology research school, SLU, in cooperation with UMBLA and NEFOM (3 credits)

12-16th February 2018
Ultuna, Uppsala

Aim: This intensive course aims to provide students with practical training as well as theoretical background for collection, handling and preparation of samples for high-throughput DNA and RNA sequencing of environmental communities. Participants will become well acquainted with all practical steps and familiar with their theoretical background and main pitfalls. The course also offers students opportunities to discuss their own sampling and sequencing methods and bioinformatics tools.

Content: The course consists of preparatory literature reading and a one-week meeting with short presentations of own work, lectures on theoretical background, and an intensive laboratory exercise (five half-days) where all steps in the sample preparation protocol will be trained, using soil fungal communities as an example.

Registration deadline is 7/1-2018. For further information contact karolina.jorgensen@slu.se or karina.clemmensen@slu.se

