

Science Communication and Excursion Management in Botanical Gardens

Lecturers: Prof. Dr. Ansgar Kahmen (University of Basel), Ursina Studer (Board of Association Botanical Garden by the Spalentor), Yvonne Barmettler (Head of Mediation & Communication, Natural History Museum Basel), Angelo Bolzern (Education & Mediation, Natural History Museum Basel)

Location: University of Basel, Botanical Institute, Botanical Garden

Dates: 05.03. - 21.05.2024

Credit Points: 1 ECTS

Course Description

The course "Science Communication and Excursion Management in the Botanical Gardens" aims to convey the methods of knowledge transfer between the scientific community and the general public using the example of guided tours in the Botanical Garden of the University of Basel. The course consists of a theoretical and a practical part. In the theoretical part, the history and concept of the garden will be explained (one session) and the individual parts of the garden will be presented with excursions into the garden (two sessions). In addition, the basic didactic principles of knowledge transfer in natural history collections, especially gardens, will be explained (two sessions). In the second, practical part of the course, students will be supervised by lecturers to develop a 15-minute guided tour on any topic that can be conveyed through the garden's collection (three sessions including tutorials and feedback). The prepared tours are then presented in the Botanical Garden during the last two sessions of the semester as part of the course (5 guided tours per session including feedback time). The presentation and attendance during the course are decisive for the grade (pass / fail).

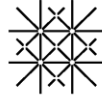
Learning Objectives

The course aims to provide students with the didactic and technical foundations for knowledge transfer through botanical gardens. Students are taught the didactic concepts in a lecture section, which they can then apply by independently preparing and organising a guided tour in the botanical garden. The course thus lays important foundations for scientific public relations work, excursions and the organisation of guided tours in botanical gardens and other scientific collections.



**University of
Zurich** ^{UZH}

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**University
of Basel**

Course Program

Tue, 05.03.2024, 16:15; Hörsaal Botanik

Prof. A. Kahmen

Lecture: *History, organisation, collections and tasks of the Botanical Garden of the University of Basel* (2 h).

Tue, 19.03.2024 and Tue, 26.03.2024; 16:15; Natural History Museum Basel

Yvonne Barmettler, Angelo Bolzern

Lecture: *Basics of knowledge transfer and didactics* (2h each).

Tue, 02.04.2024 and Tue, 09.04.2024; 16:15 Botanical Garden

Ursina Studer

Excursion: *The plant collections of the Botanical Garden of the University of Basel* (2h each).

Tue, 23.04.2024, Tue, 30.04.2024, and Tue 07.05.2024; 16:15 Praktikumsraum Botanik

Ursina Studer

Practical: *Preparation of a guided tour in the botanical garden*. Language English or German.

Tue, 14.05.2024 and Tue 21.05.2024; 16:15 Botanical Garden

Ursina Studer

Presentation and feedback: *Guided tours in the botanical garden*. Language English or German.

Prior Knowledge: Background in natural sciences and biology.

Number of Participants: 10

Individual Performance and Assessment:

Presence and "pass / fail" of the independently developed tour and the associated tour concept.