Environmental Education in the Botanical Garden of the University

07-SQF-UBG-092-m01

holder of the Chair of Plant Physiology and Biophysics

Faculty of Biology

2 numerical grade

Only after succ. compl. of module(s)

1 semester undergraduate

The Botanical Garden of the University of Würzburg is primarily used for teaching and research-related activities. In addition, it is used for activities in the area of general environmental education with the plants in the different sections and collections being used to inform interested members of the public about topics in the areas of botany, ecology and gardening. In this module, students will develop appropriate educational concepts for imparting, in a comprehensible way, specialist knowledge to interested laypersons. They will practise designing and using appropriate aids (information boards, leaflets etc.) and applying methodological approaches (guidelines) for the comprehensible presentation of complex concepts. Students will be organised into teams to complete the following tasks: develop contents tailored to the needs of selected target groups, acquire the specialist knowledge necessary for presenting these contents, select appropriate methods for presenting these contents.

Intended learning outcomes

Students will be able to communicate concepts in ecology and botany to a lay audience. They will be able to tailor contents to a target audience, selecting and using appropriate aids and techniques. Students will have acquired an overview of the sectors of the Botanical Garden and will be able to prepare information material on individual sections. They will have developed both botanical knowledge and teaching skills that will enable them to guide tours through the Botanical Garden, imparting knowledge in a way that is tailored to their target audience.

Method of assessment

term paper or preparing educational materials (5 to 10 pages) and presentation (approx. 20 to 30 minutes), weighted 1:1

Allocation of places

Additional information

Referred to in LPO I

Bachelor’ degree (1 major) Biology (2007)