

Aims and Focus

The Subject Area "Insect Ecology" offers education in ecology, ranging from the individual to the ecology of populations, communities and ecosystems. The courses and modules offered cover theory as well as ecological methods for field and laboratory research and also include the application of ecological knowledge for pest control and conservation of biodiversity. This knowledge is essential to detect and define present and future problems and elaborate strategies for their solution.

The main topic is the ecology of insects, i.e. multitrophic interactions with special emphasis on plants, plant-feeding insects and the food-webs based on these. This covers the largest proportion of ecological interactions known and represents one of the modern research areas in ecology.

The representatives cover different fields within the ecology of insects, ranging from basic ecology over forest ecology, chemical ecology to agricultural ecology and biological pest control.