Study focus areas: Ecology and Evolution

A. Specific interest courses

Six week courses with specialized lectures and practical work in the respective research groups

a. Core modules

	Research group	Time	Subject
a 1	Microbial Ecology	Cook lab	1. half winter semester
a 2	Environmental Toxicology	Dietrich lab	1. half winter semester
a 3	Limnology, Fish Ecology	Eckmann lab	1. half summer semester
a 4	Plant Ecophysiology	Kroth lab	1. half summer semester
a 5	Biophysics and Biochemistry of Plants	Kuepper lab	1. half summer semester
a 6	Phytopathology	Mendgen lab	2. half winter semester
a 7	Molecular Evolutionary	Meyer lab	1. half summer semester
a 8	Chemical Ecology	N.N.	
a 9	Environmental Physics	Peeters lab	1. half summer semester
a 10	Limnology	Rothhaupt lab	1. half summer semester
a 11	Limnology, Microbial Ecology	Schink lab	2. half summer semester
a 12	Physiological Ecology and Animal migrations	Wikelski lab	2. half winter semester

a. Complementary modules

	Research group	Time	Subject
b 1	Plant Physiology and Plant Biochemistry	Adamska lab	1. half summer semester
b 2	Molecular Microbiology	Deuerling lab	2. half summer semester

The attendance of at least two core modules (a-modules) is guaranteed and compulsory. A third course can be from either another core module or a complementary module (a oder b module) and is allocated depending on availability. This allows a choice between the two options:

- 3 x a- module *or*
- 2 x a-module + 1 x b-module

B. Elective modules

The elective modules are generally offered as lectures, among others on the following subjects. The attendance of two lecture courses is compulsory for the preference module.

- Tropical Ecology
- Behavioral Ecology
- Food Biotechnology
- Chemical Ecology
- Host-Parasite-Interactions
- Marine Microbiology
- Chemical Biotechnology
- etc.
- Biodiversity of aquatic Vert.
- Infection M. of Fungi
- Environmental Toxicology