bio810 - Biology Research Module

Module label: Biology Research Module
Module code: bio810
Credit points: 15.0 KP
Workload: 450 h
Used in course of study: Master's Programme Biology > Research Modules

Module responsibility
- Gerhard Wolfgang Zotz

Authorized examiners
- Gerhard Wolfgang Zotz
- Lehrende der Biologie

Module counseling
- Lehrende der Biologie

Entry requirements
Skills to be acquired in this module
Students will learn to plan, perform and analyse a study in a biological field. Topics will be chosen in close coordination with teaching staff. Depending on the particular project, knowledge in statistics, molecular biology, physiology, modelling, or ethology will be necessary. Results will be related to the current biological literature in a written report and be presented in the seminar of the hosting working group.

+ deepened knowledge of biological working methods
++ data analysis skills
++ critical and analytical thinking
++ independent searching and knowledge of scientific literature
++ ability to perform independent biological research
++ data presentation and discussion in German and English (written and spoken)
+ teamwork
++ project and time management
+ statistics & scientific programming

Module contents
The students develop an empirical investigation, carry it out and analyse the results. The students present and discuss their project both orally and in writing.

Reader’s advisory

Links

Languages of instruction
German, English

Duration (semesters)
1 Semester

Module frequency
unlimited

Module capacity
unlimited

Reference text
Within the Modul bio900 is it possible to take several courses as long as their contents differ substantially. When taking the course group 5.02.960 it is mandatory to choose two courses out of the group A – D.

Modullevel
MM (Mastermodul / Master module)

Modulart
Wahlpflicht / Elective

Vorkenntnisse / Previous knowledge

Examination
Final exam of module
Time of examination
Type of examination
intership report

Course type
Projektorientiertes Modul

SWS
10.00

Frequency
SuSe and WiSe

Workload attendance
140 h