bio900 - Biology Research Module

Module label: Biology Research Module
Module code: bio900
Credit points: 15.0 KP
Workload: 450 h

Used in course of study: Master's Programme Biology > Research Modules

Contact person

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
Lern-/Lehrform / Type of program: Projektorientiertes Modul
Vorkenntnisse / Previous knowledge:

Examination
Time of examination
Type of examination
Final exam of module

Internship report

Course type

SWS: 10.00
Frequency: SuSe and WiSe
Workload attendance: 140 h