bio765 - Current Methods in Plant Sciences - Ecology, Phylogeny and Molecular Biology

Module label Current Methods in Plant Sciences - Ecology, Phylogeny and Molecular Biology
Module code bio765
Credit points 12.0 KP
Workload 360 h
Used in course of study • Master's Programme Biology > Background Modules
Contact person

Module responsibility
- Sascha Laubinger

Authorized examiners
- Sascha Laubinger
- Dirk Carl Albach
- Gerhard Wolfgang Zotz

Module counseling
- Dirk Carl Albach
- Gerhard Wolfgang Zotz

Entry requirements
Acquaintance and practicing ecological, phylogenetic and molecular methods
Communication of scale- and method-overarching thinking and project planning
Knowledge of current methods and questions in plant science
Capacity for teamwork, project- and time management
++ deepened biological expertise
++ deepened knowledge of biological working methods
++ data analysis skills
++ interdisciplinary thinking
+ 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
+ statistics & scientific programming

Skills to be acquired in this module

Module contents Ü: Current Methods in Plant Science (8 SWS)

Reader’s advisory

Links

Languages of instruction German, English

Duration (semesters) 1 Semester

Module frequency

Module capacity 12

Reference text associated with bio703 (Basic Concepts in Plant Sciences) (recommended)

Modulart MM (Mastermodul / Master module)

Lern-/Lehrform / Type of program je nach Studiengang Pflicht oder Wahlpflicht

Vorkenntnisse / Previous knowledge Ecology, Flora, Genetics

Examination
Final exam of module Portfolio

Course type Exercises

SWS 8.00
Frequency WiSe
Workload attendance 112 h