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

Module responsibility
- Sascha Laubinger

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

Module counseling
- Dirk Carl Albach
- Gerhard Wolfgang Zotz

Entry requirements
Skills to be acquired in this module:
- 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

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)

Module level
- MM (Mastermodul / Master module)

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

Vorkenntnisse / Previous knowledge
- Ecology, Flora, Genetics

Examination
- Time of examination
- Type of examination
- Final exam of module
- Portfolio

Course type
- Exercises

SWS
- 8.00
Frequency
- WiSe
Workload attendance
- 112 h