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:
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: je nach Studiengang Pflicht oder Wahlpflicht
- 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:
- Time of examination: Final exam of module
- Type of examination: Portfolio
- Course type: Exercises
- SWS: 8.00
- Frequency: WiSe
- Workload attendance: 112 h