### 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**

**Module capacity**
- 12

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

**Modulart**
- je nach Studiengang Pflicht oder Wahlpflicht

**Lern-Lehrform / Type of program**
- Ecology, Flora, Genetics

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**Course type**
- Exercises

**SWS**
- 8.00

**Frequency**
- WiSe

**Workload attendance**
- 112 h