### Module title
The Flora of Germany

### Abbreviation
07-LA-FLORA-152-m01

### Module coordinator
holder of the Chair of Plant Physiology and Biophysics

### Module offered by
Faculty of Biology

### ECTS
5

### Method of grading
numerical grade

### Only after succ. compl. of module(s)
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### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
Admission prerequisite to assessment: regular attendance of field trips (minimum 80%).

### Contents
The module will discuss the fundamental principles of the systematics and ecology of flowering plants. Students will acquire an overview of the major flowering plants to be found in the temperate zone as well as their ecological and economic importance. Using the field guide Flora von Deutschland by Schmeil-Fitschen, the course will demonstrate how dichotomous keys are used, and students will practise identifying freshly-gathered plants using dichotomous keys. Identifying plants, students will learn how to identify major morphological plant characteristics and will become familiar with the respective terminology. The module will also include field trips to typical habitats in the Botanical Garden and the vicinity of Würzburg. Students will become familiar with the common as well as scientific names of the plants found and will be introduced to the family- as well as species-specific characteristics of these plants. Students will practise using field guides and identification keys on site. Habitat ecological, geobotanical, climatic as well as conservation-relevant characteristics will also be discussed. The module will also include sessions at the Botanical Garden of the University of Würzburg with its outdoor facilities and greenhouses to help students acquire species identification skills.

### Intended learning outcomes
Students have acquired knowledge and skills related to the ecology, systematics and taxonomy of indigenous flowering plants. They are familiar with the terminology of plant morphology and know how to use Floras and set up scientific herbaria.

### Courses
(E type, number of weekly contact hours, language — if other than German)

E (2.5) + V (1) + Ü (2)

### Method of assessment
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Written examination (approx. 45 minutes) and practical identification assignment (approx. 45 minutes)

Assessment offered: Once a year, summer semester creditable for bonus

### Allocation of places
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### Additional information
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### Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 61 I Nr. 1 (3 ECTS credits) and § 61 I Nr. 4 (2 ECTS credits)

§ 41 I Nr. 1 (3 ECTS credits) and § 41 I Nr. 4 (2 ECTS credits)

### Module appears in
First state examination for the teaching degree Grundschule Biology (2015)
First state examination for the teaching degree Realschule Biology (2015)
First state examination for the teaching degree Gymnasium Biology (2015)
First state examination for the teaching degree Mittelschule Biology (2015)