

<b>Module title</b>		<b>Abbreviation</b>
The Flora of Germany		07-LA-FLORA-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Plant Physiology and Biophysics		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
6	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	By way of exception, additional prerequisites are listed in the section on assessments.
<b>Contents</b>		
<p>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 <i>Flora von Deutschland</i> 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.</p>		
<b>Intended learning outcomes</b>		
<p>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.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
<p>This module comprises 2 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> <li>• 07-LA-FLORA-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-LA-FLORA-2-092: E (no information on SWS (weekly contact hours) and course language available)</li> </ul>		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.</p> <p><b>Assessment in module component 07-LA-FLORA-1-092:</b> Systematics of the Flora of Germany Systematics of the Flora of Germany</p> <ul style="list-style-type: none"> <li>• 4 ECTS, Method of grading: numerical grade</li> <li>• written examination (approx. 45 minutes) and practical identification assignment (approx. 45 minutes)</li> <li>• Assessment offered: once a year, summer semester</li> <li>• Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul> <p><b>Assessment in module component 07-LA-FLORA-2-092:</b> Field Excursions on the Flora of Germany</p> <ul style="list-style-type: none"> <li>• 2 ECTS, Method of grading: (not) successfully completed</li> <li>• 5 field trip logs (approx. 1 to 2 pages per field trip)</li> <li>• Assessment offered: once a year, summer semester</li> </ul>		

**Allocation of places**

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**Additional information**

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**Workload**

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**Teaching cycle**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

§ 41 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren"

§ 41 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"

§ 61 (1) 1. Biologie "Zytologie, Anatomie, Formenkenntnis und Systematik von Pflanzen und Tieren"

§ 61 (1) 4. Biologie "Ökologie", "Evolutionsbiologie" und "Verhaltensbiologie"

**Module appears in**

First state examination for the teaching degree Grundschule Biology (2009)

First state examination for the teaching degree Hauptschule Biology (2009)

First state examination for the teaching degree Realschule Biology (2009)

First state examination for the teaching degree Gymnasium Biology (2009)

First state examination for the teaching degree Mittelschule Biology (2013)