

| Module title   |                   | Abbreviation  |
|--|-------------------|---|
| Didactics 1  |                   | 07-DG-FDBIO1-092-mo1  |
| Module coordinator   |                   | Module offered by   |
| head of group Didactics of Biology   |                   | Faculty of Biology  |
| ECTS   | Method of grading | Only after succ. compl. of module(s)  |
| 5  | numerical grade   | --  |
| Duration   | Module level      | Other prerequisites   |
| 1 semester   | undergraduate     | By way of exception, additional prerequisites are listed in the section on assessments. |
| Contents   |                   |   |
| <p>The seminar <i>Freilandbiologie (Outdoor Biology)</i> will explore general aspects on how students may incorporate field trips to out-of-classroom learning environments into their teaching. In addition to the scientific identification and characterisation of plant and/or animal communities in their natural habitats, the seminar will discuss didactic and pedagogical criteria for the selection of out-of-classroom learning environments that are relevant for the respective type of school. In this context, the course will also discuss the opportunities and limitations of out-of-classroom learning. Designing practice-oriented teaching units, students will practise teaching the identification of indigenous animals and plants to fellow students and/or groups of pupils in selected out-of-classroom learning environments.</p>  |                   |   |
| Intended learning outcomes   |                   |   |
| <p>Knowledge of the fact that the term "teaching aids in the biology classroom" refers to originals, preparations and media. Familiarity with a biology-specific, didactic definition of the term "media". Overview of different aspects of biology-specific media (encoding, hardware, software, message, sensory modalities). Overview of classifications of media, factors that influence the choice of media as well as the function of media. Familiarity with the limitations and problems associated with the use of media in the classroom. Practical skills using media of all kinds (hardware side). Ability to independently prepare media or preparations. Ability to use teaching aids in classroom situations in a way that is appropriate for pupils and the material taught. Advantages and disadvantages of specific teaching aids; limitations associated with the use of media in the classroom.</p>  |                   |   |
| Courses (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-HR-FDGRU-2-092: S (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-GH-FDBIO1-1-092: V (no information on SWS (weekly contact hours) and course language available)</li> </ul>  |                   |   |
| Method of assessment (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-HR-FDGRU-2-092: School-Type-Specific Didactics in Biology (Seminar)</b></p> <ul style="list-style-type: none"> <li>• 2 ECTS, Method of grading: numerical grade</li> <li>• written examination (30 to 45 minutes) or term paper (10 to 15 pages)</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).</li> </ul> <p><b>Assessment in module component 07-GH-FDBIO1-1-092: Introduction to Didactics in Biology (Lecture)</b></p> <ul style="list-style-type: none"> <li>• 3 ECTS, Method of grading: numerical grade</li> <li>• written examination (60 to 90 minutes)</li> </ul> |                   |   |
| Allocation of places   |                   |   |
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| <b>Additional information</b>  |
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| <b>Workload</b>  |
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| <b>Teaching cycle</b>  |
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| <b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)   |
| § 36 (1) 7. Didaktik der Grundschule Biologie<br>§ 38 (1) 1. Didaktik der Hauptschule Biologie<br>§ 38 (1) 1. Didaktik der Mittelschule Biologie |
| <b>Module appears in</b>   |
| keinem Studiengang zugeordnet  |