

| Module title  |                              | Abbreviation                         |
|---|------------------------------|--------------------------------------|
| Didactics Biology II: Special Didactics   |                              | 07-GY-FDBIO-2-152-m01                |
| 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   | (not) successfully completed | --                                   |
| Duration  | Module level                 | Other prerequisites                  |
| 1 semester  | undergraduate                | --                                   |
| Contents  |                              |                                      |
| <p>The seminar <i>Arbeiten im Lehr-Lern-Labor (Working in the Teach'n'Learn Lab)</i> or <i>Arbeiten im Lehr-Lern-Garten (Working in the Teach'n'Learn Garden)</i> will provide students with an overview of selected methods in biology. They will learn to prepare these methods, in a didactically reduced manner, for pupils and, having been arranged into teams, will deliver the respective units to groups of pupils. Students will thus learn to tailor research-oriented experiments to the age group they are teaching and will acquire practical experience in the supervision of a group of pupils. In the seminar <i>Arbeitstechniken und Schulversuche (Methods and Experiments in the Classroom)</i>, students will be arranged into small teams and will perform a variety of experiments on classic topics in biology. The experiments, which will be tailored to the requirements of <i>Sekundarstufe I</i> and <i>II</i>, will subsequently be assessed in class with regard to didactic aspects and/or will be integrated into concrete classroom situations. Students will thus acquire techniques and background knowledge that will enable them to deliver lively and motivating lessons to different age groups. The seminar <i>Arbeiten im Lehr-Lern-Labor (Working in the Teach'n'Learn Lab)</i> or <i>Arbeiten im Lehr-Lern-Garten (Working in the Teach'n'Learn Garden)</i> will provide students with an overview of selected methods in biology. They will learn to prepare these methods, in a didactically reduced manner, for pupils and, having been arranged into teams, will deliver the respective units to groups of pupils. Students will thus learn to tailor research-oriented experiments to the age group they are teaching and will acquire practical experience in the supervision of a group of pupils.</p> |                              |                                      |
| Intended learning outcomes  |                              |                                      |
| <ul style="list-style-type: none"> <li>• Ability to didactically adapt selected traditional and modern methods in biology.</li> <li>• Ability to prepare, deliver and evaluate teach'n'learn units.</li> <li>• Ability to independently supervise teach'n'learn units</li> </ul>  |                              |                                      |
| Courses (type, number of weekly contact hours, language — if other than German)   |                              |                                      |
| S (2) + S (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)   |                              |                                      |
| portfolio (approx. 30 hours)<br>creditable for bonus  |                              |                                      |
| Allocation of places  |                              |                                      |
| --  |                              |                                      |
| Additional information  |                              |                                      |
| --  |                              |                                      |
| Workload  |                              |                                      |
| 150 h   |                              |                                      |
| Teaching cycle  |                              |                                      |
| --  |                              |                                      |
| Referred to in LPO I (examination regulations for teaching-degree programmes)   |                              |                                      |
| § 61 I Nr. 8  |                              |                                      |
| Module appears in   |                              |                                      |
| First state examination for the teaching degree Gymnasium Biology (2015)  |                              |                                      |

