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| Module title | | Abbreviation |
| Didactics of Informatics 1 (inc. Practical Course in the Application of Informatics Systems from a Didactical Point of View) | | 10-I-DI1-092-m01 |
| Module coordinator | | Module offered by |
| Dean of Studies Informatik (Computer Science) | | Institute of Computer Science |
| ECTS | Method of grading | Only after succ. compl. of module(s) |
| 6 | numerical grade | -- |
| Duration | Module level | Other prerequisites |
| 2 semester | undergraduate | Admission prerequisite to assessment: exercises (type and scope to be announced by the lecturer at the beginning of the course). |
| Contents | | |
| The module gives an overview of computer science didactics. Using the example of computer science systems, the module teaches students practical skills for use in schools and, more specifically, in computer science classes. The module demonstrates and discusses possibilities for a practical application in the classroom. | | |
| Intended learning outcomes | | |
| Students are familiar (in particular in the area of computer science in <i>Sekundarstufe I</i>) with methods, techniques and media for teaching topics in computer science. They are able to didactically analyse and prepare practical topics. Students are familiar with both historical and current teaching approaches, typical teaching methods as well as guidelines and standards for teaching computer science. They are able to plan, organise and deliver classes. | | |
| Courses (type, number of weekly contact hours, language — if other than German) | | |
| V + Ü + P (no information on SWS (weekly contact hours) and course language available) | | |
| 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. 50 to 60 minutes). If announced by the lecturer by four weeks prior to the examination date, the written examination can be replaced by an oral examination of one candidate each or an oral examination in groups. A 50 to 60 minute written examination is equivalent to a 15 minute oral examination of one candidate each, a 20 minute oral examination in groups of 2 and a 25 minute oral examination in groups of 3. | | |
| Allocation of places | | |
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| Additional information | | |
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| Referred to in LPO I (examination regulations for teaching-degree programmes) | | |
| § 49 (1) 2. Informatik Didaktik | | |
| Module appears in | | |
| First state examination for the teaching degree Realschule Computer Science (2012) | | |