### Module title
Medical Informatics

### Abbreviation
10-I=MI-102-m01

### Module coordinator
holder of the Chair of Computer Science VI

### Module offered by
Institute of Computer Science

### ECTS
5

### Method of grading
numerical grade

### Duration
1 semester

### Module level
graduate

### Other prerequisites
Where applicable, prerequisites as specified by the lecturer at the beginning of the course (e.g. completion of exercises).

### Contents
Electronic patient folder, coding of medical data, hospital information systems, operation of computers in inpatient and functional units, medical decision making and assistance systems, statistics and data mining in medical research, case-based training systems in medical training.

### Intended learning outcomes
The students possess theoretical and practical knowledge about the application of computer science methods in medicine.

### Courses
V + Ü (no information on SWS (weekly contact hours) and course language available)

### Method of assessment
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 (one candidate each: 15 minutes, groups of 2: 20 minutes, groups of 3: 25 minutes)

Language of assessment: German, English if agreed upon with the examiner

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

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### Module appears in
Master's degree (1 major) Computer Science (2010)
Master's degree (1 major) Mathematics (2012)
Master's degree (1 major) Mathematics (2010)
Master's degree (1 major) Computational Mathematics (2012)