### Module title

**Knowledge-based Systems**

### Abbreviation

10-I-WBS-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

### Only after succ. compl. of module(s)

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### Duration

1 semester

### Module level

undergraduate

### Other prerequisites

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### Contents

Foundations in the following areas: knowledge management systems, knowledge representation, solving methods, knowledge acquisition, learning, guidance dialogue, semantic web.

### Intended learning outcomes

The students possess theoretical and practical knowledge for the understanding and design of knowledge-based systems including knowledge formalisation and have acquired experience in a small project.

### 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

- Bachelor's degree (1 major) Computer Science (2010)
- Bachelor's degree (1 major) Business Information Systems (2013)
- Bachelor's degree (1 major) Aerospace Computer Science (2009)
- Bachelor's degree (1 major) Aerospace Computer Science (2011)
- 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)
- First state examination for the teaching degree Gymnasium Computer Science (2009)