# Module description

**Module title**
Knowledge-based Systems

**Abbreviation**
10-I=WBS-141-m01

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

**Module offered by**
Institute of Computer Science

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
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**Duration**
1 semester

**Module level**
graduate

**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

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<tr>
<th>type</th>
<th>number of weekly contact hours</th>
<th>language</th>
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<tr>
<td>V + Ü</td>
<td>(no information on SWS (weekly contact hours) and course language available)</td>
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## Method of assessment

written examination (approx. 60 to 120 minutes); if announced by the lecturer at the beginning of the course, the written examination can be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups (groups of 2, approx. 30 minutes)

Language of assessment: German, English

## 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 (2014)