# Databases II

**Module title**: Databases II  
**Abbreviation**: 10-I=DB2-102-m01

**Module coordinator**: Dean of Studies Informatik (Computer Science)  
**Module offered by**: Institute of Computer Science

**ECTS**: 5  
**Method of grading**: numerical grade

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>Where applicable, prerequisites as specified by the lecturer at the beginning of the course (e.g. completion of exercises).</td>
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</tbody>
</table>

## Contents
Data warehouses and data mining; XML databases; web databases; introduction to Datalog.

## Intended learning outcomes
The students have advanced knowledge about relational databases, XML and data mining.

## Courses

<table>
<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours, language — if other than German</th>
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<tbody>
<tr>
<td>V + Ü</td>
<td>(no information on SWS (weekly contact hours) and course language available)</td>
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</table>

## 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

- **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) Physics (2010)
  - Master's degree (1 major) Physics (2011)
  - Master's degree (1 major) Nanostructure Technology (2011)
  - Master's degree (1 major) Nanostructure Technology (2010)
  - Master's degree (1 major) Business Information Systems (2011)
  - Master's degree (1 major) Business Information Systems (2013)
  - Master's degree (1 major) Computational Mathematics (2012)
  - Master's degree (1 major) Functional Materials (2012)
  - First state examination for the teaching degree Gymnasium Computer Science (2009)