# Module description

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<th><strong>Module title</strong></th>
<th><strong>Abbreviation</strong></th>
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<tr>
<td>Databases</td>
<td>10-I-DB-102-m01</td>
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## Module coordinator
Dean of Studies Informatik (Computer Science)

## Module offered by
Institute of Computer Science

## ECTS
5

## Method of grading
Numerical grade

## Duration
1 semester

## Module level
Undergraduate

## Other prerequisites
Admission prerequisite to assessment: exercises (type and scope to be announced by the lecturer at the beginning of the course).

### Contents
Relational algebra and complex SQL statements; database planning and normal forms; transaction management.

### Intended learning outcomes
The students possess knowledge about database modelling and queries in SQL as well as transactions.

### 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
§ 49 (1) 1. b) Datenbanksysteme und Softwaretechnologie
§ 69 (1) 1. b) Datenbanksysteme und Softwaretechnologie

### Module appears in
Bachelor's degree (1 major) Computer Science (2010)
Bachelor's degree (1 major) Mathematics (2012)
Bachelor's degree (1 major) Business Information Systems (2013)
Bachelor's degree (1 major) Computational Mathematics (2012)
Bachelor's degree (1 major) Computational Mathematics (2013)
Bachelor's degree (1 major) Aerospace Computer Science (2009)
Bachelor's degree (1 major) Aerospace Computer Science (2011)
Bachelor's degree (1 major) Functional Materials (2012)
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) Nanotechnology (2011)
Master's degree (1 major) Nanotechnology (2010)
Master's degree (1 major) Computational Mathematics (2012)
First state examination for the teaching degree Realschule Computer Science (2012)
First state examination for the teaching degree Gymnasium Computer Science (2009)