### Module description

<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
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<tbody>
<tr>
<td>Introduction to Computer Science for Students of all Faculties</td>
<td>10-I-EIN-111-m01</td>
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#### Module coordinator
Dean of Studies Informatik (Computer Science)

#### Module offered by
Institute of Computer Science

#### ECTS | Method of grading | Only after succ. compl. of module(s) |
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<tbody>
<tr>
<td>10</td>
<td>numerical grade</td>
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#### Duration | Module level | Other prerequisites |
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<tr>
<td>1 semester</td>
<td>undergraduate</td>
<td>Admission prerequisite to assessment: academic requirements to be met in exercises as specified at the beginning of the course.</td>
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### Contents
Foundations of computer science including representation of information and websites (HTML, XML, EBNF), databases, algorithms and data structures, programming (Java).

### Intended learning outcomes
The students are familiar with the fundamentals of computer science, e.g. in the areas of representation of information and websites (HTML, XML, EBNF), databases, algorithms and data structures, programming in Java.

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

### Method of assessment
a) written examination (80 to 90 minutes) or b) oral examination of one candidate each (approx. 20 minutes) or oral examination in groups of 2 or 3 candidates (30 or 40 minutes respectively)

### 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) Nanostructure Technology (2012)
- Bachelor’s degree (1 major) Functional Materials (2012)
- Master’s degree (1 major) Psychology (2012)
- Bachelor’s degree (1 major, 1 minor) Digital Humanities (Minor, 2012)
- Bachelor’s degree (2 majors) Digital Humanities (2012)