## Module description

<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
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<tbody>
<tr>
<td>Programming course for students of Mathematics and other subjects</td>
<td>10-M-PRG-082-m01</td>
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</table>

### Module coordinator
Dean of Studies Mathematik (Mathematics)

### Module offered by
Institute of Mathematics

<table>
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<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Other prerequisites</th>
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<tr>
<td>3</td>
<td>(not) successfully completed</td>
<td>Admission prerequisite to assessment: regular attendance (attendance monitored, a maximum of one incident of unexcused absence).</td>
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### Contents
Basics of a modern programming language (e.g. C or Fortran) taking into account the particular needs in mathematics.

### Intended learning outcomes
The student is able to work independently on small programming exercises and standard programming problems in mathematics.

### Courses
**P** (no information on SWS (weekly contact hours) and course language available)

### Method of assessment
- **Type**: project in the form of programming exercises (as specified at the beginning of the course)
- **Scope**: Language of assessment: German, English if agreed upon with the examiner
- **Language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus**

### Allocation of places
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### Additional information
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### Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 73 (1) 5. Mathematik Angewandte Mathematik

### Module appears in
- Bachelor' degree (1 major) Mathematics (2008)
- Bachelor' degree (1 major) Physics (2010)
- Bachelor' degree (1 major) Physics (2009)
- Bachelor' degree (1 major) Physics (2012)
- Bachelor' degree (1 major) Physics (2008)
- Bachelor' degree (1 major) Technology of Functional Materials (2009)
- Bachelor' degree (1 major) Technology of Functional Materials (2010)
- Bachelor' degree (1 major) Nanostructure Technology (2010)
- Bachelor' degree (1 major) Economathematics (2009)
- Bachelor' degree (1 major) Economathematics (2008)
- Bachelor' degree (1 major) Mathematical Physics (2009)
- Bachelor' degree (1 major) Computational Mathematics (2009)
- Master's degree (1 major) Physics (2010)
- Master's degree (1 major) Technology of Functional Materials (2010)
- Master's degree (1 major) Technology of Functional Materials (2009)
- Master's degree (1 major) Functional Materials (2012)
- Bachelor's degree (1 major, 1 minor) Mathematics (Minor, 2008)
- First state examination for the teaching degree Gymnasium Mathematics (2009)