## Module title
Programming course for students of Mathematics and other subjects

## Abbreviation
10-M-PRG-152-m01

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

### Module offered by
Institute of Mathematics

### ECTS
3

### Method of grading
Only after succ. compl. of module(s)

### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
Basics of a modern programming language (e.g. C).

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

### Courses
(type, number of weekly contact hours, language — if other than German)

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<th>Type</th>
<th>Number of Weekly Contact Hours</th>
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### Method of assessment
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

- project in the form of programming exercises (approx. 20 to 25 hours)
- Assessment offered: Once a year, summer semester
- Language of assessment: German and/or 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

- Bachelor’ degree (1 major) Mathematics (2015)
- Bachelor’ degree (1 major) Physics (2015)
- Bachelor’ degree (1 major) Nanostructure Technology (2015)
- Bachelor’ degree (1 major) Economathematics (2015)
- Bachelor’ degree (1 major) Mathematical Physics (2015)
- Bachelor’ degree (1 major) Computational Mathematics (2015)
- Bachelor’ degree (1 major) Functional Materials (2015)
- First state examination for the teaching degree Gymnasium Mathematics (2015)
- Bachelor’ degree (1 major) Mathematical Physics (2016)
- Bachelor’ degree (1 major) Economathematics (2017)
- First state examination for the teaching degree Gymnasium Mathematics (2019)