Module title | Programming course for students of Mathematics and other subjects | Abbreviation | 10-M-PRG-082-m01

Module coordinator | Dean of Studies Mathematik (Mathematics) | Module offered by | Institute of Mathematics

ECTS | Method of grading | Only after succ. compl. of module(s) | 3 | (not) successfully completed | --

Duration | Module level | Other prerequisites | 1 semester | undergraduate | Admission prerequisite to assessment: regular attendance (attendance monitored, a maximum of one incident of unexcused absence).

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 (type, number of weekly contact hours, language — if other than German)
P (no information on SWS (weekly contact hours) and course language available)

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 (as specified at the beginning of the course)
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 (examination regulations for teaching-degree programmes)
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Module appears in
Bachelor's degree (1 major) Mathematics (2008)
Bachelor’s degree (1 major) Physics (2010)
Bachelor’s degree (1 major) Physics (2009)
Bachelor's degree (1 major) Physics (2012)
Bachelor’s degree (1 major) Physics (2008)
Bachelor’s degree (1 major) Technology of Functional Materials (2009)
Bachelor’s degree (1 major) Technology of Functional Materials (2010)
Bachelor’s degree (1 major) Nanostructure Technology (2010)
Bachelor’s degree (1 major) Economathematics (2009)
Bachelor’s degree (1 major) Economathematics (2008)
Bachelor’s degree (1 major) Mathematical Physics (2009)
Bachelor’s 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)