### Module title
Computational Physics

### Abbreviation
11-A1-072-m01

### Module coordinator
Managing Director of the Institute of Theoretical Physics and Astrophysics

### Module offered by
Faculty of Physics and Astronomy

### ECTS
6

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

### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
Introduction to two of the programming languages relevant for students of Physics and Engineering, solving physical problems with computer programmes.

### Intended learning outcomes
The students have acquired the following transferable skills: Basic knowledge of two programming languages, skills in working with computers, knowledge of algorithms to solve numeric physical problems.

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

### Method of assessment
written examination (approx. 120 minutes)

### 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) Physics (2007)
- Bachelor' degree (1 major) Physics (2009)
- Bachelor' degree (1 major) Physics (2008)
- Bachelor' degree (1 major) Nanostructure Technology (2008)
- Bachelor' degree (1 major, 1 minor) Nanostructure Technology (2007)
- Bachelor's degree (1 major, 1 minor) Physics (Minor, 2008)