# Module title

**Mathematics 4 for Students of Physics and Engineering**

**Abbreviation**

11-MPI4-062-m01

---

## Module coordinator

Managing Director of the Institute of Theoretical Physics and Astrophysics

## Module offered by

Faculty of Physics and Astronomy

---

## ECTS

8

## Method of grading

numerical grade

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

--

---

## Duration

1 semester

## Module level

undergraduate

## Other prerequisites

--

---

## Contents

Functional analysis and complex analysis.

## Intended learning outcomes

The students have basic knowledge of mathematics of Hilbert space and the theory of functions of a complex variable as well as the required calculation methods.

## 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

--

## Additional information

--

## Referred to in LPO I

(examination regulations for teaching-degree programmes)

--

## 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 (2010)
- Bachelor' degree (1 major) Nanostructure Technology (2012)
- Bachelor' degree (1 major) Nanostructure Technology (2008)
- Bachelor' degree (1 major) Nanostructure Technology (2007)