## Module title

**Theoretical Physics 2 (Theoretical Electrostatics and Electrodynamics)**

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<th>Abbreviation</th>
<th>11-T2-072-m01</th>
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### 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)

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### Duration

1 semester

### Module level

Undergraduate

### Other prerequisites

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### Contents

Electrostatics, magnetostatics, Maxwell equations, covariant formulation, electrodynamics and matter.

### Intended learning outcomes

The students have knowledge of the principles of classical electrodynamics and 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

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

### Module appears in

- Bachelor’ degree (1 major) Mathematics (2008)
- Bachelor’ degree (1 major) Mathematics (2007)
- 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) Nanostructure Technology (2007)
- Bachelor’ degree (1 major) Computational Mathematics (2009)
- Bachelor’s degree (1 major, 1 minor) Physics (Minor, 2008)