Module title: Statistical Mechanics and Thermodynamics

Abbreviation: 11-ST-141-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

Duration: 1 semester

Module level: undergraduate

Other prerequisites: --

Contents:
Principles of thermodynamics, fundamental theorems, thermodynamic potentials, principles of statistical mechanics.

Intended learning outcomes:
The students have knowledge of the principles of thermodynamics and statistical mechanics 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):
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Module appears in:
Bachelor' degree (1 major) Mathematics (2014)
Bachelor' degree (1 major) Computational Mathematics (2014)