Module title
Scientific Methods and Project Management Nanostructure Technology

Abbreviation
11-MP-N-161-m01

Module coordinator
chairperson of examination committee

Module offered by
Faculty of Physics and Astronomy

ECTS
15

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

(not) successfully completed
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Duration
1 semester

Module level
graduate

Other prerequisites
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Contents
Introduction to the methods of scientific work, taking into account methods of project planning. Application to theoretical, experimental or engineering questions of nanostructure technology. Writing of a scientific project plan for the planned Master’s thesis.

Intended learning outcomes
The students have knowledge of the scientific methods, the methodological work and the methods of project planning of a current experimental, theoretical or engineering subdiscipline of nanostructure technology with special relevance to the intended topic of the Master’s thesis and are able to develop a project plan for the Master’s thesis, to plan the required work and to summarise their knowledge in an oral presentation.

Courses
(type, number of weekly contact hours, language — if other than German)

R (4)
Module taught in: German or English

Method of assessment
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
talk with discussion (30 to 45 minutes)
Language of assessment: German and/or English

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
Master’s degree (1 major) Nanostructure Technology (2016)
Master’s degree (1 major) Nanostructure Technology (2020)