## 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 successfully completed

## 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

**R (4)**

Module taught in: German or English

## Method of assessment

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)