**Module title**  
Scientific Methods and Project Management FOKUS Physics

**Abbreviation**  
11-MP-PF-072-m01

**Module coordinator**  
Chairperson of examination committee

**Module offered by**  
Faculty of Physics and Astronomy

**ECTS**  
15

**Method of grading**  
Numerical grade

**Only after succ. compl. of module(s)**  
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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 and experimental questions of Physics, writing of a scientific project plan for the planned Master's thesis.

### Intended learning outcomes

The students have knowledge of scientific methods and methodological work, including project planning methods of a current experimental and theoretical subdiscipline of Physics with special relevance to the intended topic of the Master's thesis. They are able to draft a project plan for the Master's thesis and to plan the required experimental or theoretical work. They are able to describe their projects in oral presentations.

### Courses

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

R (no information on SWS (weekly contact hours) and course language available)

### 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 (approx. 30 to 45 minutes)

Language of assessment: German 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) FOKUS Physics (2010)
Master's degree (1 major) FOKUS Physics (2011)
Master's degree (1 major) FOKUS Physics (2006)