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)

Duration
1 semester
Module level
graduate
Other prerequisites
--

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
--

Additional information
--

Referred to in LPO I (examination regulations for teaching-degree programmes)
--

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)