Module title
FOKUS Research Module Low Dimensional Structures

Abbreviation
11-FM-NDS-092-m01

Module coordinator
chairperson of examination committee

Module offered by
Faculty of Physics and Astronomy

ECTS
8

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
Specific and advanced knowledge of independent scientific work in the field of low-dimensional structures. Crystal lattice symmetry, lattice dynamics, growth techniques

Intended learning outcomes
The students have special and advanced knowledge of independent scientific work in the field of low-dimensional structures.

Courses
Niederdimensionale Strukturen (Low Dimensional Structures): V (2 weekly contact hours) + Ü/P (1 weekly contact hour), German or English, once a year (details to be announced)
Kompaktseminar Niederdimensionale Strukturen (Block Taught Seminar Low Dimensional Structures): S (2 weekly contact hours), German or English, details on availability to be announced (block taught seminar (3 days), usually held during semester break)

Method of assessment
This module has the following assessment components
1. Topics covered in lectures and exercises: written examination (approx. 90 minutes) or talk (approx. 30 minutes) or oral examination of one candidate each or oral examination in groups (approx. 30 minutes) or project report (approx. 8 pages)
2. Seminar: talk (approx. 30 to 45 minutes)

Assessment components 1 and 2 will be offered in German or English. Students must register for assessment components 1 and 2 online (details to be announced). Assessment component 1 will be offered once a year (details to be announced); details on when assessment component 2 will be offered to be announced.
To pass this module, students must pass both assessment component 1 and assessment component 2.

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)