phy663 - Specialization I

Module label  Specialization I
Module code  phy663
Credit points  6.0 KP
Workload  180 h
Used in course of study
- Master's Programme Engineering Physics > Pflichtmodule

Contact person

Module responsibility
- Hans Josef Brückner
- Martin Kühn
- Simon Doclo

Entry requirements
Acc. selected course

Skills to be acquired in this module
The acquisition of knowledge and the strategy for understanding the subject topics is achieved through taught lectures, supervised laboratory sessions, tutorials, seminars, practical demonstrations and personal study presentations on coursework assignments. This module enables the students to emphasize on a field of specialisation in Engineering Physics at the cutting edge of research.

Module contents
The course is intended to be integrative, a culmination of knowledge, skills, competencies and experiences acquired in other modules, coupled with further development of these assets.

Reader’s advisory
Acc. selected course

Links
http://www.uni-oldenburg.de/ep/

Languages of instruction
German, English

Duration (semesters)
1 Semester

Module capacity
unlimited

Module level
MM-PB (Professionalisierungsbereichsmodul im Master)

Module type
Wahlpflicht

Lern-/Lehrform / Type of program
Please check the course descriptions for further information: http://www.uni-oldenburg.de/ep/

Vorkenntnisse / Previous knowledge

Examination
Time of examination
Type of examination
Final exam of module

Assignments may consist of case studies, practical reports, or reviews of recent research. Material is introduced through lectures, laboratories, and directed reading and research. Students are given guidance on how to manage their learning, and at each stage in their development they are expected to take responsibility for their own learning.

Acc. selected course

Course type
Seminar
Seminar
Seminar
Seminar

Comment
Specialization Laser & Optics
Specialization Renewable Energies
Acoustics
**Biomedical Physics**

SWS
4.00
4.00
4.00
4.00

Frequency
SuSe and WiSe
SuSe and WiSe
SuSe and WiSe
SuSe and WiSe

Workload attendance
56 h
56 h
56 h
56 h

Total time of attendance for the module
224 h