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:
- 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

Languages of instruction:
German, English

Duration (semesters):
1 Semester

Module frequency:
halbjährlich

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:
Final exam of module

Time of examination:
Type of examination:
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

Comment:
- Specialization Laser & Optics
- Specialization Renewable Energies
- Acoustics
- **Biomedical Physics**
  - Choose one topic

SWS:
- 4.00

Frequency:
- SuSe and WiSe

Workload attendance:
- 56 h

Total time of attendance for the module:
224 h