### Module label
Specialization II

### Module code
phy664

### Credit points
6.0 KP

### Workload
180 h

### Used in course of study
- Master's Programme Engineering Physics > Pflichtmodule

### Contact person
- Martin Kühn
- Hans Josef Brückner
- Simon Doclo

### 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.

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

### Reader's advisory
Acc. selected course

### Links
Acc. selected course

### Languages of instruction
German, English

### Duration (semesters)
1 Semester

### Module frequency
halbjährlich

### Module capacity
unlimited

### Modullevel
MM-PB (Professionalsierungsbereichsmodul im Master)

### Modulart
Wahlpflicht

### Lern-/Lehrform / Type of program
Acc. selected course

### Vorkenntnisse / Previous knowledge
Acc. selected course

### Examination
Time 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.

### Final exam of module
Acc. selected course

### Course type
Seminar

### SWS Frequency

### Workload attendance
0 h