### 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
- Module responsibility
  - Martin Kühn
  - Hans Josef Brückner
  - 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 specialization 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
German, English

### Languages of instruction

### 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

### Examination
**Final exam of module**

<table>
<thead>
<tr>
<th>Time of examination</th>
<th>Type of examination</th>
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<tbody>
<tr>
<td></td>
<td>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</td>
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### Course type
Seminar

### SWS

### Frequency

### Workload attendance
0 h