

## Information on requirements for enrolment in the MA Physics

Conditions for enrolment are intended to prove that the content of the Bachelor's degree programme that has been missing so far can be fulfilled in order to complete the Master's degree programme. These requirements must be fulfilled within one year after the start of the programme in order to avoid exmatriculation. However, if you have problems with this deadline, you can submit a justified (!) application for an extension of the deadline via the programme coordination.

*You can get advice and support from the following institutions:*

- *Studyguides:* The studyguides are experienced students who provide advice and support, especially at the beginning of your studies in Hannover, on general questions such as how to get started with Stud.IP. You can reach the studyguides by e-mail: [studyguide@maphy.uni-hannover.de](mailto:studyguide@maphy.uni-hannover.de)
- *Subject advisory service:* Contact the subject advisory service if you have any questions about the courses you have to take and about the structure of your studies in general. The subject advisor for physics is: Prof. Manfred Lein, Tel: +49 511 762 3291, e-mail: [lein@itp.uni-hannover.de](mailto:lein@itp.uni-hannover.de)
- *Programme coordination:* The programme coordination advises you on all other questions concerning your studies. You can also contact the study coordinator in case of deadline extensions. The study coordinator is: Axel Köhler, Tel: +49 511 762 5450, E-Mail: [sgk@maphy.uni-hannover.de](mailto:sgk@maphy.uni-hannover.de)
- *Examination board:* The examination board decides on all individual cases concerning examinations. The chairman of the examination board for physics is: Prof. Christian Ospelkaus, Tel: +49 511 762 17644, E-Mail: [pa-physik@maphy.uni-hannover.de](mailto:pa-physik@maphy.uni-hannover.de)

### *Fulfilment of requirements*

Requirements may consist of:

- attendance of special courses such as practical courses. As a rule, a course credit must be acquired here.
- Proof of the acquisition of special knowledge; this must be verified. This verification can take place either within the framework of a special oral examination, or by passing an examination test for a course. In both cases, however, you do not have to register for an examination at the Examinations Office. However, you must clarify with the respective lecturer whether he or she will examine you. It is possible to repeat these knowledge examinations. The result of the knowledge tests is "pass" or fail, grades are not awarded.

After fulfilling the requirement, you will receive a certificate that must be submitted to the Matriculation Office. If you have received a form from the Admissions Office for this purpose, please have your pass confirmed on this form and submit it to the Admissions Office.

### *Common requirements in physics*

1) Oral examination of the module "Vertiefungsbereich" (Experimental Physics Advanced)

Contact persons and examiners: Lecturers of experimental physics

Examination material: two of the three topics

(i) Solid State Physics II (previously: Introduction to Solid State Physics), (ii) Atomic and Molecular Physics, (iii) Coherent Optics.

2) Course achievement of the module "Vertiefungsbereich" (Experimental Physics Advanced)

Contact persons and examiners: Lecturers of experimental physics

Achievements to be made: Exercises and laboratory exercises for two of the three courses

(i) Solid State Physics II, (ii) Atomic and Molecular Physics, (iii) Coherent Optics.

3) Examination of the module Classical Particles and Fields (Theory I)

Contact persons and examiners: Lecturers of Theoretical Physics.

Exam material: Theoretical electrodynamics, analytical mechanics and special relativity.

4) Examination of the module Quantum Theory and Statistical Physics (Theory II)

Contact persons and examiners: Lecturers of theoretical physics

Exam material: Introduction to Quantum Theory, Statistical Physics

Status: 25.10.21