



**Department of Physics and Astronomy
Heidelberg Graduate School of Fundamental Physics**

Teaching requirements for Graduate Students

Requirements for Doctoral Students with regard to teaching

Applicable to all students in physics doing their doctoral study at an Institute within the Department of Physics and Astronomy.

- 1) It is assumed that every student, as a member of the Institute of the University during the course of his/her doctoral studies, will participate in teaching. The amount of teaching per semester shall not exceed a full "Semester Unit"*. This teaching requirement is independent of the mode of financing that has been made available for the doctoral study.
- 2) The Department of Physics and Astronomy reserves the right to lower this teaching load in accordance with the requirements of the department in each semester. The Institutes and workgroups have the opportunity of deciding individually which students in which semesters must take up a teaching activity, so that the teaching per Institute is adequately covered in each semester. This flexibility allows groups that have beam time elsewhere, for example, to fit the teaching into their research schedules.
- 3) Independent of the internal regulations of each Institute for the required duties of the student with regard to teaching, each student is *obliged to perform at least one teaching activity* of one "Semester Unit" and provide proof of this in order to register successfully for the final examination.

Note that teaching is regarded as a vital component in the education of doctoral students, not only to reinforce their knowledge in a particular subject of physics, but also to aid in developing their communication skills. Teaching is also often simply a rewarding exercise for the doctoral student.

Note in addition that the details of teaching requirements are arranged separately by each Institute together with each workgroup.

* One "Semester Unit" is defined to be one of the following:

- Tutoring one exercise group within the courses of theoretical or experimental physics or computer science (2SWS plus preparation and correction of exercises and tests)
- Assistance in practicals (beginner, advanced, or computer practicals) , 6-8 SWS (2 Afternoons at 3-4 hours during the semester, or vacation practicals (4 weeks amounting to the same length of time)