



Transcript of the 1st IMPRS thesis committee meeting

IMPRS PhD student _____ Meeting held on: _____

IMPRS thesis committee members:

Committee & student declare that the following lectures should be attended in order to meet the IMPRS requirements and comply with the regulations for receiving a doctoral degree from the University of Heidelberg.

IMPRS does not require to attend courses that have been completed previously, whether in Heidelberg or at another university. The HGSFP requirement of 16 hours of education (16 SWS) also holds for IMPRS students. For this, summer schools, workshops and the Graduate Days also count.

Obligatory IMPRS courses:	completed (where, when)	missing
Block course „Introduction to astronomy“	<input type="checkbox"/> _____	<input type="checkbox"/>
Theoretical Astrophysics	<input type="checkbox"/> _____	<input type="checkbox"/>
Galaxies/ Extragalactic Astronomy	<input type="checkbox"/> _____	<input type="checkbox"/>
Cosmology	<input type="checkbox"/> _____	<input type="checkbox"/>
Stellar Physics	<input type="checkbox"/> _____	<input type="checkbox"/>
Astronomical Techniques	<input type="checkbox"/> _____	<input type="checkbox"/>
Astro-Lab („Praktikum“)	<input type="checkbox"/> _____	<input type="checkbox"/>
Special lecture (far from PhD topic)	<input type="checkbox"/> _____	<input type="checkbox"/>
Other lecture	<input type="checkbox"/> _____	
Two weekly IMPRS seminars (winter & summer term)	mandatory course	
IMPRS workshop retreat seminar	mandatory course	

The teaching duty required by University and institute is: _____ units (1 unit = 2 SWS).

Signatures:

Student Heidelberg, _____ (Date)

Thesis committee members

IMPRS Requirements

The following IMPRS requirements have to be met in order to receive the IMPRS Certificate after successfully completing the PhD program.

1) Curriculum:

The obligatory IMPRS curriculum intends to provide IMPRS students with a complete and thorough education in astronomy and astrophysics. It is, however, flexible and does not demand to attend lectures that have been already taken elsewhere. It is the duty of the thesis committee to define the curriculum for a student. The following lectures are part of the obligatory IMPRS curriculum:

- a. Introduction to Astronomy and Astrophysics (september block lecture, or two-semester lecture)
- b. Theoretical Astrophysics (winter semester)
- c. Stellar Physics (block or semester lecture)
- d. Astronomical Techniques (semester lecture)
- e. Extragalactic Astronomy, Galaxies (block or semester lecture)
- f. Cosmology (block or semester lecture)
- g. Specific lecture: we expect IMPRS students to attend one of the many lectures on a specific topic far from the research field.
- h. Praktikum: students going for a disputation in astronomy (not in physics) are required to attend the astronomy lab course (block course at the LSW). Exemption has to be formally granted by the Dean of the Department of Physics and Astronomy.
- i. IMPRS seminar (two semesters during the 1st year), providing a central meeting opportunity for all students of one generation.
- j. IMPRS workshop retreat (3-4 day external seminar retreat in the 2nd year)
- k. IMPRS summer school: we expect IMPRS students to attend one of our international summer schools organized every year.

Only two of the four advanced lectures (c-f) need to be attended, but the two courses have to be outside of the research field of the student. Lectures usually come along with exercises

and exams. PhD students are not requested to do the exams or take part in the exams unless the thesis committee has decided otherwise.

2) Thesis committee meeting:

Students have to meet their thesis committee regularly, at least three times within three years. A short informal report about the outcome of the committee meetings must be written for reference for the committee members and the student and a copy should be sent to IMPRS-HD (to the coordination office imprs-hd@mpia.de). See the detailed information on the IMPRS webpage.

Requirements of the Department of Physics & Astronomy

1) HGSFP regulations:

The HGSFP requires a total course attendance of 16 hours/week over the PhD (equivalent to 8 lectures / seminars / etc.). Please check the HGSFP webpage for more information about the university policy for graduate studies. A summary of the regulation defined by the Dean of the Department can be downloaded from there.

2) Teaching duty:

The Department for Physics and Astronomy requires all PhD students to take part in teaching. There are many opportunities such as tutorials of lecture exercises and tutorials of lab experiments. Teaching can be in English. The teaching load could be different at different institutes; however, a minimum teaching duty of two semester units is required when you register for your PhD examination. Please organize your teaching duty as soon as possible.

3) Work plan:

A doctoral student in Physics or Astronomy must present a work plan to the Doctoral Graduation Committee (to be sent to the HGSFP) no later than 6 months after commencement of his/her studies. The work plan must be approved by the thesis supervisor of the student.