

Notes on Master-Thesis (physics930, astro960)“and (Pre)Modules physics910, -920 or astro940, -950, respectively

As a rule on your own initiative you will approach a „lecturer” (i.e. Professor, Privatdozent at Universität Bonn) to ask for a proposal for the subject of a Master-Thesis. In this respect you may also ask the student advisors (Priv.-Doz. Dr. B. Metsch, Prof. Dr. P. Schneider) or the chairman of the examination board (Prof. Dr. H. Schmieden) for assistance.

Requirements (**PO 2006**) to start with modules physics910, -920 or astro940, -950 are: Successful completion of 40 credit points from the first year of the Master study course including the base modules physics600, physics605 and the compulsory modules physics610 and physics630 or astro810 and astro820, respectively. We definitely recommend to start with physics910 or astro940 only after obtaining 60 credit points.

As soon as you have decided upon a certain subject please fill in the corresponding application form (see below, either of them) which you may deliver personally or by letter post to the examination office (“Prüfungsamt ...” address further down). The form must be available in the office prior to beginning “Scientific Exploration of the Master thesis topic” – because you must not start without the permission of the examination board. In a different way from the modules of the first academic year you can’t register yourself on “basis” for the above mentioned 3 modules. This will be done by the examination office as soon as the head of the examination board has approved your suggested subject of a master thesis. You can see on “basis” the official permission including supervisor, beginning and end of the 12 months period afterwards. The 3 modules “Scientific Exploration of the Master-Thesis Topic”, “Methods and Project Planning” and “Master-Thesis” together should be accomplished in 12 months time. 6 months of that time are reserved for the module “Master-Thesis” (physics930 or astro960) including oral presentation. Upon a justified written application the head of the examination board may allow an extension of the latter time of up to 6 weeks. The application for the extension with relevant justification has to be presented to Professor Schmieden (via “Prüfungsamt...”) 4 weeks before the end of the 12 month period at the latest.

Starting date of the three modules is usually the date that you specified in the application form. The “theme” should be considered as a working title, the period (from start to finish) for work on the three modules is, however, stringent: it is 12 months at most. If the thesis is not handed in to the examination office in time it gets the mark “failed”. For a possible extension see above.

Three copies of the Master-Thesis have to be delivered to the examination office in time. You either hand in the copies to the examination office personally (opening hours: mo – fr 11 – 13 Uhr) or you send them by letter mail, decisive is the postmark (address in German language):

Prüfungsamt Physik

Endenicher Allee 11-13

53115 Bonn.

In case your final date is a Saturday, Sunday or bank holiday, the next working day is the relevant delivery date.

The layout of the thesis is free (fonts, formats, figures, graphics etc.). The thesis must be bound (no spiral binding, not in sheets). Please enclose as a last or first page the following signed statement:

I hereby declare that the work presented here was formulated by myself and that no sources or tools other than those cited were used.

Bonn,
date

.....
signature

On the cover sheet of the thesis the following text must be written:

Title, Masterarbeit in Physik, Astrophysik, respectively, von (your complete name), angefertigt im Institut (name of institute), vorgelegt der Mathematisch-Naturwissenschaftlichen Fakultät der Universität Bonn, month and year of delivery (e.g. Januar 2017).

On one of the first inner pages you write in addition:

1. Gutachter(in) : Complete name (first supervisor, person who defined subject)
2. Gutachter(in) : Complete name (second supervisor)

Note: At least one of the referees (“Gutachter/in”) has to be a professor of the Universität Bonn. Usually both supervisors are professor of the Universität Bonn or one is professor and the other one is “Privatdozent/in” of the Universität Bonn. In all other cases please ask the examination board because the examination board has also to approve the supervisors.

To the end of your master’s degree work the results have to be presented in a seminar (Master-Kolloquium). Whether this presentation precedes the delivery of the thesis or not is irrelevant. It must however be done within the assigned period of work, i.e. before the final date of physics930, astro960 respectively. For the oral presentation please print the form (see below, the last page) belonging to the Master “Kolloquium” and let the referees acknowledge by their signature that the talk has been given. In the form you also fill in the final title of your thesis. After that please hand in the form to the examination office (together with the 3 copies of your Master-Thesis).

Version: 13. Oktober 2016

.....
first name + last name + matriculation number

An den
Vorsitzenden des Prüfungsausschusses Physik
Prof. Dr. Hartmut Schmieden
Endenicher Allee 11-13

53115 Bonn

date

Modules physics910, -920, -930 *)
(§ 17, Abs. 4 PO vom 10. September 2006 i. d. Fassung vom 29. Juni 2009)

Herewith I propose the following theme for a Master-Thesis under supervision of

Prof./Priv.Doz. *)*)

start: end *)*)*):
filled in by the examination office

theme:

.....

.....

second evaluator
(to be filled in only in case of an external Master-Thesis)

.....
candidate

approved:

.....
head of the examination board

.....
supervisor of the Master-Thesis *)*)

*) the examination office will register these modules on "basis"
*) *)*) on well-founded application an extension of up to 6 weeks is possible

.....
first name + last name + matriculation number

An den
Vorsitzenden des Prüfungsausschusses Physik
Prof. Dr. Hartmut Schmieden
Endenicher Allee 11-13

53115 Bonn

date

Modules astro940, -950, -960 *)
(§ 17, Abs. 4 PO vom 10. September 2006 i. d. Fassung vom 29. Juni 2009)

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approved:

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head of the examination board

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supervisor of the Master-Thesis *)*)

*) the examination office will register these modules on "basis"
*) *)*) on well-founded application an extension of up to 6 weeks is possible

**Bescheinigung über das gehaltene Kolloquium gemäß Prüfungsordnung (PO)
Master of Science Physik (physics930) bzw. Master of Science Astrophysik (astro960)**

**An den
Vorsitzenden des Prüfungsausschusses Physik
Prof. Dr. Hartmut Schmieden
Endenicher Allee 11-13
53115 Bonn**

Herr/Frau hat seine/ihre

Masterarbeit mit dem Titel

in einer Präsentation (Kolloquium) am

..... ordnungsgemäß mündlich vorgestellt.

Unterschrift 1. Gutachter(in):

Unterschrift 2. Gutachter(in):