Studying for the Master of Physics in Bonn

Manuel Drees

Bonn University & Bethe Center for Theoretical Physics



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Welcome to Bonn!

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- 882 to 991: Vikings loot and burn Bonn thrice

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- 1793 to 1814: French occupation. (Carneval uniforms stem from that time.) Afterwards Bonn becomes part of Prussia.

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- 1949 to 1994: Bonn is capital of (West) Germany. (Since then: "federal city")

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Your Future: Master of (Astro-)Physics in Bonn

As soon as possible, you need to:

Enroll as student of Bonn university! (→ BCGS) This gets you a student number (→ "free" public transport, lower prices in Mensa) and a university (computer) account

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- Apply for "Admission to Master in (Astro-)Physics Examinations"; application form is available here, and online. This gets your Basis account started (online exam administration tool).

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- Apply for "Admission to Master in (Astro-)Physics Examinations"; application form is available here, and online. This gets your Basis account started (online exam administration tool).
- Also, at some point register on eCampus for the courses you might want to take, see https://ecampus.uni-bonn.de; useful for communication with profs, organizing tutorials, etc.

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- You need to complete the 60 CP of the course phase before you can start the research phase!

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- Student Seminar: 4 CP

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Further information:

https://www.praktika.physik.uni-bonn.de/module/physics601p601@physik.uni-bonn.de

Base Module 2: Lecture Theoretical Physics

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- Lectures taken elsewhere must fit into either of these categories to be counted towards your Specialization courses! Equivalence again needs to be certified by me.

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Can be chosen from a large catalogue,, see

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- One (BCGS) "research internship" can count for 4 CP in Elective Advanced; one (BCGS) "intensive week" can count for 3 CP in this category. Alternatively: two research internships (8 CP), but then no intensive week.

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- For (almost?) all lectures: You need to solve at least 50% of the homework problems in order to be admitted to the final exam!

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 - Seminars have much earlier registration deadlines, since your talk there counts as exam.

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- You failed a module only if you failed both exams in a given semester! (Or didn't show up.) This counts as one failed attempt.

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- The Master of Astrophysics has 4 compulsory lecture modules! For further details: talk by Prof. Schneider.

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- Grading scheme:
 1.0: top grade;
 1.3, 1.7, 2.0, ..., 3.7: passing grades
 4.0: lowest passing grade;
 5.0: failed

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- Before you hand in the thesis, you have to give a thesis colloquium talk. (It is not graded.)

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- If you want to do your research phase elsewhere, including in Cologne, you need to specify a second, Bonn, supervisor already when registring the topic with the examination board!

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- Our Master course is not easy, but we selected you carefully!

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- Contact: fsphysik@uni-bonn.de,

https://www.fs-physik.uni-bonn.de/de/startseite

In Case of Problems

For issues with everyday life (health insurance, unexpected bills, ...): Other students; Fachschaft; BCGS office; mentors

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- In case of mobbing, (sexual) harassment etc.: Prof. (Mr.) Florian Bernlochner (Phys. Inst.; florian.bernlochner@uni-bonn.de) Jun.-Prof. (Ms.) Annika Thiel (HISKP; thiel@hiskp.uni-bonn.de) Both were elected by the student body!

Questions regarding which course(s) to take: your mentor, or the study counselor.

Physics: Prof. Manuel Drees, sb@physik.uni-bonn.de;

weekly (Zoom) office hour Mo. 4:30 p.m.

Astrophysics: Prof. Peter Schneider, peter@astro.uni-bonn.de

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- For questions regarding exams: study counselor, or exam office:

 Ms Silke Kleuser: skleuser@uni-bonn.de;

 Prof. Hartmut Schmieden: schmieden@physik.uni-bonn.de

 Sometimes the entire exam board needs to be consulted.
- Many questions are already answered here:

https://bamawww.physik-astro.uni-bonn.de

If you need help, please contact one of us!