Registration for the Research Phase for the Master's Degree Program in Physics

Last name: _____ Address: _____

First name: _____ _____

Student ID No.: _____ Tel.: _____

e-Mail: _____

I hereby register as of today's date for the research phase for the master's degree program in physics. I have read the excerpt from the examination regulations for the master's degree program in physics that is printed on the reverse of this document. I affirm that none of the modules whose completion is required and which is counted toward the final grade in the master's degree program in physics is identical to a module already credited towards the completion of the previous degree programme or similar in content to a previous module. I further affirm that I have not failed, with no option to retake, any required examinations or paper, nor am I currently in a pending examination process, at any other higher education institution within the scope of application of the German Grundgesetz (Basic Law) in the same program or in any module that is identical or comparable to a module whose completion is required and which is counted toward the final grade in the master's degree program in physics.

I propose the following as my supervisor for the research phase: _____

Topic of research phase: _____

Date: _____ Signature: _____

I hereby state that I am willing to supervise the research phase of

Mr./Ms _____

☐ Externally conducted research phase.

Date: _____ Signature: _____
(Supervisor)

Enclosures:
1. Proof of enrollment in the master's degree program in physics at Freie Universität Berlin.
2. Proof* of successful completion of the "Advanced Quantum Mechanics" and "Advanced Laboratory Course for Master Students" modules (10 credit points each).
3. Proof* of successful completion of additional modules, comprising 25 credit points, that correspond to the study segments specified for the first two semesters in the sample sequence of classes (modules pursuant to Sec. 3 (3) through (6) of the study regulations).

* does not apply to modules for which proof is maintained in the Campus Management system.

(For official use only)

The applicant is admitted to the research phase.

_____ _____

Date Chairperson of the Board of Examiners
for the Master's Degree Program in Physics

Excerpt from the Examination Regulations for the Master's Degree Program in Physics at Freie Universität Berlin:

§ 5 (1) During the twelve-month research phase, students specialize, under the guidance of a supervisor, in a current field of research in modern physics, learn the methodology associated with the field, and prepare their master's degree theses in the field. The master's degree thesis should show that the student is able to work independently, at an advanced scientific level and using scientific methods, on an issue in the area of theoretical or experimental physics and to present and document the results of his or her work appropriately and situate them within a scientific context.

§ 5 (2) Students are admitted to the modules in the research phase by application if they have successfully completed the "Advanced Quantum Mechanics" and "Advanced Laboratory Course for Master Students" modules and have successfully completed, out of the study segments specified for the first two semesters (introductory phase) in the sample sequence of classes, modules comprising at least 45 credit points (modules pursuant to Sec. 3 (3) through (6) of the study regulations, in a scope of 60 credit points). ...

§ 5 (3) Applications for admission to the research phase must be accompanied by proof that the student meets the requirements pursuant to Para. 2 Sentence 1 ... The appropriate Board of Examiners decides whether to approve an application. ... Applications for admission to the research phase can be retracted and resubmitted one time during the first three weeks.

§ 5 (4) During the research phase, the students first complete, at the same time, two required modules: "Scientific Specialization" and "Methodology and Project Planning." Both must be completed within six months. If a student does not pass the module examinations, a repeat exam must be taken within six weeks. A student is required to pass both modules in order to be admitted to the master's thesis phase.

§ 5 (5) The supervisor for the research phase will issue a master thesis topic to those students who have been admitted to the research phase and are under the supervisor's supervision. This action must take place by no later than upon the student's completion of the "Scientific Specialization" and "Methodology and Project Planning" modules; topics will be chosen by arrangement with the Board of Examiners and must be related to the content of these two modules. Students will be given the opportunity to propose their own topics, but have no entitlement to acceptance of their proposals. The topic and assignment must be arranged such that the project can be completed by the end of the period granted for its completion. The issuance of the topic and compliance with the deadline must be recorded.

§ 5 (6) The period for completion of the master's thesis is six months, beginning immediately after the student's completion of the "Scientific Specialization" and "Methodology and Project Planning" modules. In isolated cases, the Board of Examiners may extend the period for completion of the master's thesis by up to eight weeks upon a justified request to that effect and provided that the supervisor agrees.

§ 5 (7) The master's thesis should comprise approximately 60 pages, including the footnotes and bibliography.

§ 5 (8) The master's thesis is accompanied by a seminar of two semester credits, in which each student is required to give one presentation approximately 30 minutes long regarding the progress of his or her research work.

§ 5 (9) The master's thesis must be submitted in triplicate, bound, before the deadline for completion. When submitting the thesis, the student is required to affirm in writing that he or she has written the thesis him- or herself and has used no sources or aids other than those stated. ...

§ 6 (2) If the student's master's thesis does not earn the grade of "Satisfactory" (4.0) or higher, the student is permitted to repeat the thesis one time.