

Department of Mathematics and Computer Science

Master's Thesis Registration
MSc Bioinformatics (Study & Examination Regulations 23 September 2019 – 262c)

In accordance with § 9, paragraph 2, sentence 2 of the Study & Examination Regulations 23 September 2019, and in accordance with § 4 of these regulations, modules totalling at least 60 credits have been completed successfully.

Surname: _____ First Name(s): _____

Student ID No.: _____ Email: _____
Please enter Computing Services (ZEDAT) account

I hereby register my master's thesis on today's date. I have taken note of the extract overleaf of the study & examination regulations as they apply to me in respect of my thesis.

The topic of my thesis is:

I hereby declare that I agree that the Department of Mathematics and Computer Science retains a non-exclusive, royalty-free right to use vis-a-vis property rights and copyrights for the master's thesis for university purposes.*

Date **Student Signature**

Supervisors for the master's thesis

1st Examiner/Supervisor

2nd Examiner

Surname, title: _____
 Institution: _____
 Address: _____

 Tel.: _____
 Email: _____

Surname, title: _____
 Institution: _____
 Address: _____

 Tel.: _____
 Email: _____

.....

Date **Signature** **Date** **Signature**

Please return the completed form to: Examination Office for Computer Science / Bioinformatics
 Freie Universität Berlin,
 Arnimallee 14, Room 1.1.14b
 14195 Berlin
 or email maria.koekenhoff@fu-berlin.de

For office use only!

Date of submission: _____ Examinations Officer: _____

Please note that this English version of the part of study and examination regulations is nothing more than an aid to orientation. Solely the German version is legally binding.

Study & Examination Regulations 23 September 2019 (Official Register 22/2019, 11 October 2019)

§ 9 Master's Thesis

(1) The goal of the master's thesis is to demonstrate that the student is able to work independently on an advanced task from the field of bioinformatics using scientific methods and to present and evaluate the results obtained in writing and orally in an appropriate manner.

(2) Students will be admitted to work on a master's thesis upon application if they

1. were most recently enrolled at Freie Universität Berlin within the master's degree program and
2. they have successfully completed modules totaling 60 credits or more within the master's degree program.

(3) The application for admission to the master's thesis must be accompanied by evidence of the prerequisites in accordance with paragraph 2, as well as confirmation from an instructor who is entitled to administer exams that he or she is willing and able to act as supervisor for the master's thesis. The examining board decides on the application. If no confirmation of intent to supervise the master's thesis as per the first sentence above is submitted, the examining board will appoint a supervisor accordingly. Students are given the opportunity to propose their own topics, but are not entitled to have these proposals accepted.

(4) The master's thesis should be approximately 70 pages in length.

(5) The examining board assigns the topic of the master's thesis in consultation with the supervisor. The topic and task must be designed in such a way as to ensure the work can be completed before the deadline. The assignment and submission of the master's thesis must be recorded and the information kept on file. When the thesis is submitted, the student must affirm in writing that he or she has written the paper independently, using only the sources and aids listed. The master's thesis is to be submitted typewritten as three bound copies and as a Portable Document Format (PDF) electronic version. The PDF file must contain the text in machine-readable format, not merely in graphic form; furthermore, there must be no rights restrictions. A copy of the master's thesis may be incorporated into the institute library with the student's permission after he or she completes the program.

(6) The assigned period for the thesis work is 23 weeks. The assigned period begins on the date on which the topic is assigned by the examining board. The topic can be returned once within the first four weeks and is then considered not to have been assigned. The examining board decides on the application in consultation with the supervisor of the master's thesis.

(7) The written portion must be written in English. In response to a well-founded application, the examining board may also permit the master's thesis to be written in German. If a student has been unable to work on the thesis for a period of more than eight weeks for a valid reason, the examining board will decide whether the master's thesis must be begun afresh. The examination with regard to the master's thesis is deemed not to have been taken if the examining board requires the thesis to be resubmitted.

(8) The master's thesis must be evaluated by two instructors entitled to administer examinations as assigned by the examining board. One of these two instructors should be the supervisor of the master's thesis. At least one of the two examiners must be involved in teaching in the master's degree program and simultaneously be an instructor at the Department of Mathematics and Computer Science of Freie Universität Berlin or the Department of Biology, Chemistry and Pharmacy at Freie Universität Berlin or at Charité.

(9) If approved by the examining board, the work on the master's thesis can also be done externally at a suitable business or scientific or research institution, as long as scientific and scholarly supervision by an examiner in the program in bioinformatics is ensured. In this case, the other examiner may come from the business or scientific or research institution.

(10) The student is deemed to have received a passing grade on the master's thesis if the grade awarded for the thesis is at least "sufficient" (4.0). The grade is calculated as the arithmetic mean of the two individual grades. If one of the examiners issues a grade of "insufficient" (5.0) or if the two individual grades from the examiners differ by 2.0 or more, then the examining board commissions a third examiner to evaluate the master's thesis. In this case, the grade for the master's thesis is calculated as the arithmetic mean of the grades awarded by all three examiners.

(11) The master's thesis is accompanied by a colloquium, which generally takes place within the assigned working group. Students are expected to give a one-time presentation lasting approximately 30 minutes on the progress of their master's thesis.

*Explanation concerning granting rights of use:

The department may wish to use the results of Bachelor's and Master's theses, for example developed programs or collected data for its research within the context of projects, for publications (with appropriate reference to the source) or for teaching.