

Recommended Form of Dissertation Thesis – Life Sciences program

The thesis presents the results of work carried out by a candidate in the course of his/her studies. It must contain original results which have been either published or accepted for publication.

Formal requirements are defined in Measure No. 8/2019 of the Dean of the Faculty of Science, Masaryk University. **The individual approach of the author solves other parts of the dissertation not specified by this measure, and no specific template is used.**

The dissertation thesis is submitted in electronic form through the application in IS MU and in paper form - four printed copies **in B5 format** (three copies for opponents, one copy for archiving at CEITEC MU, the printed copy is not archived at the Faculty of Science).

The dissertation can be processed in two different formats that must be agreed to by the supervisor:

- a) **A collection of papers with a comprehensive introduction and commentary** (preferred form):
- This type of dissertation is based on at least two publications; one of them must be the first author publication. If this publication has not IF in Q1 in the given field of study, there should be two more co-author publications with IF in Q1 or Q2. The review articles can also be part of the collection, but these articles cannot be included in the limit of two publications. Only published articles or manuscripts accepted to publication with a letter of acceptance can be included.
 - The publications have to be factually, or disciplinarily related in regard to the topic of the thesis.
 - The expected length of the commented part should be at least 20 pages of text (not including a list of pictures, list of tables, references, CV, the list of publications, and the supplement of publications) using standard formatting, spacing 1.5, letter size 11.
 - The thesis should include Introduction that puts individual papers into a current context, Hypothesis and aims of the thesis project, Methodology (optional), Commentary to the published papers (unpublished work might also be included), Specification of the student own contribution of the work on all results included in publications, Summary of the student's outcomes and how they expand knowledge in the related discipline, Discussion that gives the context and comments on the outcomes, Conclusion, References. Exact structuring of the Experimental part is at student discretion. A student's CV and a summary of publication activity in the form of a list of own publications and presentations at conferences are included at the end of the dissertation. Publications related to the thesis should be included within dissertation in the form, which is permitted by the publisher.
- b) **A monography with experimental results**
- This type of dissertation contains a full description of the thesis project, and it can be written as an extended version of the publication.
 - The thesis should be enough detailed to allow referee to evaluate scientific, methodological and critical thinking of student, however it should not exceed 120 pages of text (not including compulsory initial pages defined in the Dean Measure 8/2019, a list of pictures, list of tables, references, CV and the list of publications) with standard formatting spacing 1.5, letter size 11.
 - The thesis is divided into Introduction, Hypothesis, and aims of the thesis project, Methods, Results, Discussion that gives the context and comments on the outcomes, Conclusion, Specification of the student own contribution on the work on all results included, and References. A student's CV and a summary of publication activity in the form of a list of own publications and presentations at conferences is included at the end of the dissertation. Publications related to the thesis should be included within dissertation in the form, which is permitted by the publisher.