

1/2019 SZMB Suggestion

Terms and Conditions for the Thesis Supervisor and Theme Selection, Content and Formal Requirements for the Preparation of Thesis for Clinical Laboratory Research Master's Degree

The purpose of the thesis / thesis (hereinafter only: thesis) is to:

In 1/2014 Dean's Order (point I):

1. Students of the Faculty of Health Sciences, University of Pécs are required to complete a thesis as a prerequisite for completing their studies. The dissertation is a research on a particular topic, based on independent professional work, with new scientific results, which demonstrates the student's profound knowledge of research methodology, biostatistics and informatics, as well as their skills in applying them.
2. With the dissertation the student has to prove that he / she is able to apply what he / she has learned and / or the processed literature in the chosen topic. In the course of all this, the dissertation should present a creative, independent result, proving the student's critical sense and ability to form independent opinions.
3. In order to achieve the above aims of the thesis, it is essential to draw conclusions based on independent results. This is best achieved through a thesis based on its own research (experimental, descriptive, exploratory), so institutes can publish topics of this kind. In special cases, however, it can be accomplished by taking into account the chosen topic or the nature of the training, qualitative research, comparative analysis, systematic literature review, case study, and meta-analysis of previous research findings. In this case, the publication of the topic is subject to the approval of the Thesis Methodology Committee. In order to prove the validity of the conclusions, in these latter cases it is required to use and present the necessary statistical methodology.

Announcement of thesis topics and procedure for choosing the topic

Topic Selection: In doing so, the student visits a supervisor who is knowledgeable in the topic of his / her choice and then talks about the aims of his / her thesis. The consultant may be an instructor of the Faculty of Health Sciences or the students may be entitled to choose an external professional consultant. If the supervisor is an external specialist, the choice of an internal consultant is also mandatory. As an external professional supervisor or consultant, a specialist with outstanding expertise and higher education in the field may be called upon. A student may choose up to two consultants. Regarding the possible change of the topic, the supervisor and the consultant, no. Dean's Order V.9. points above apply.

Content requirements for topic selection

1. The topic of the dissertation should be related to the chosen specialization.
2. The student may prepare his / her dissertation in relation to one of the following content elements (the page numbers given in the chapters of the dissertation are based on the relative proportions of each chapter, different page numbers are possible according to the given page and character numbers):

A) Literature review, in which the student prepares a summary using foreign and domestic literature sources closely related to the chosen topic.

For topic selection and research planning, see the “Literature Summary”. Annex I needs to be completed.

The structure of the dissertation in this case is as follows: “Introduction” (problem statement, justification of the choice of topic - 2 pages), “Method” (selection criteria of the literature: selection criteria [eg age group, diagnosis, situation, etc.], to be compared range of data / information [eg symptoms, complications, activities, nursing, care tasks, etc.] - 1-2 pages), “Results” (systematic presentation of the main information obtained from the literature in text and / or tabular form - 5-10 pages) , “Discussion” (evaluation of the results, practical use of the obtained information, limitations of the study - 2-3 pages), “Conclusion” (main conclusion of the literature review - 2-3 pages). The summary should include a minimum of 15 literature reviews.

B) Presentation of Practicel Activity/intervention (quantitative, qualitative, or a combination of the two) relevant to the training, relevant to the theoretical background of the chosen specialization or to daily practice. Content may include, for example:

- in certain countries, presenting the legal environment appropriate to the specialization, indicating the location of the legal site, and proposing any necessary amendments to domestic legislation.
- presentation of a project implemented or planned (eg health project of a municipality),
- preparation of a case study (ie a summary of one or more procedures, methods, medical history, events, situations, focusing primarily on "how" and "why"),

When selecting a topic and designing a research, refer to the topic “Practical Activity”. Annex II is required.

The structure of the thesis in this case can be as follows: “Introduction” (raising the problem, justifying the choice of topic, short literature review - 1-1.5 pages - 1-2 pages). “Chapter title related to the chosen topic” (detailed description of the adapted directive, protocol, description of the legislative environment, presentation of the project, case study, details of practical activities, etc. page 7-18) “Summary” Page 5-1).

C) Empirical research involving the collection of new data (quantitative, qualitative or both) using any form of data collection (eg questionnaire, document analysis, observation, experiment, etc.), statistical analysis and quantification of results.

To select the topic and design your research, see the “Empirical Research Plan”. Annex I is required.

The structure of the dissertation in this case is as follows: “Introduction” (raising the problem, justifying the choice of topic, literature review - 1-1.5 pages). “Material and Method” (type of research, place and time of research, target group, selection and exclusion criteria, sampling method, number of items, method used, range of data collected, statistical methods used 0.5–1 pages). “Results” (textual presentation of results using tables, figures – 5-10 pages), “Discussion” (evaluation of main results, comparison with previous research, limitations of the study, possible way to continue the study – 2-3 pages), “ Conclusion ”(short conclusion of the research – 2-3 pages).

The process of preparing a research plan

In connection with the "research design process" of Dean's Order 1/2014 (detailed in Section VI), it is recommended that students not covered by the " Clinical Laboratory Research Master's Thesis Rules", available as an "Research Research plan for literature review ”or“ Research plan for practical work related topic ”or“ Research plan for empirical research ”must be completed and agreed with the consultant or submitted within the given semester.

