*Annex 1:*

*LLU Scientific Council*

*Decision No. 19-20 on 25 September 2019*

# Latvia University of Life Sciences and Technologies DOCTORAL THESIS - THEMATICALLY UNIFORM SCIENTIFIC

**COLLECTION OF PUBLICATIONS**

# preparation and formatting procedures

1. **General requirements**
   1. The procedure for the preparation and formatting of the doctoral thesis of the Latvia University of Life Sciences and Technologies (hereinafter LLU) - thematically unified scientific collection of publications (hereinafter the Procedure) has been prepared on the basis of the requirements of the laws and regulations of the Republic of Latvia and LLU.
   2. The Procedure prescribes uniform requirements for the preparation and formatting of a doctoral thesis - thematically unified scientific collection of publications (hereinafter Summary) for students of doctoral study programs at the Latvia University of Life Sciences and Technologies (hereinafter Applicants).
   3. Scientific publications must be published or approved for publication in scientific periodicals (at least 4), which are peer reviewed anonymously, are available internationally in repositories of scientific information and are cited in internationally available databases: Scopus, Web of Science, etc. The promotion council may set additional requirements.
   4. The Summary should form an integral view of the research as a whole and provide answers to all the tasks set in the doctoral thesis.
   5. The Summary shall include scientific articles published during the last ten years and approved for publication. If the scientific article is designed as a review without the analysis of the author's experimental data (or such an analysis is not dominant), then the promotion council decides on its usefulness and compliance with this type of promotion.
   6. The Applicant must be the first or main author in at least two publications.
   7. The promotion council may equate the results of the doctoral thesis, registered as a European Union patent, to one publication.
   8. The promotion council determines the language and deadline for the preparation of the Summary in order to ensure its international availability and discussion.
   9. The electronic version of the Summary, together with the attached publications (in pdf format) must be checked before submission to the inter-university unified computerised plagiarism control system and an opinion must be received that the doctoral thesis is not a forgery or plagiarism.
   10. The desired volume of the collection (excluding the bibliography and appendices) in printed form is up to 50 pages, in accordance with the regulations for the technical formatting of the scientific work to be submitted to the promotion council. At the time of submitting the documents, two copies must be prepared, the need for additional copies is decided by the promotion council.

# Content of the compilation of scientific publications

* 1. Title page with full name(s) of the institution(s), author's name and surname, full title of the doctoral thesis, type of dissertation (set of thematically unified scientific publications of the doctoral thesis), information on the degree for which the thesis has been developed, the thesis development place and year.
  2. The reverse of the title page indicates the institution where the doctoral thesis is defended, the supervisors of the thesis, consultants, and the reviewers of the thesis.
  3. Table of contents.
  4. Summary (subject relevance, scientific and economic importance).
  5. List of original publications on which the collection is based.
  6. Analysis of the problem, the resulting hypothesis, objective and tasks.
  7. Materials and methods.
  8. Results (obtained and based on original, published articles) and discussion.
  9. Conclusions.
  10. Used sources of information.
  11. Appendices:
      1. copies of all original publications, indicating the edition in which they were published;
      2. if the doctoral thesis is a thematically unified scientific collection of publications containing co-authors, it shall be accompanied by the written consent of all co-authors of the publications included in the doctoral thesis to use the publication in the doctoral thesis and attestation of the corresponding (first) author (Annex 2) regarding the individual contribution of the candidate in the preparation of the publication expressed as percentage;
      3. gratitude and references to the financial sources for the implementation of the research.

*Annex 2*

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Corresponding (first) author of scientific publications

# certification

for a doctoral candidate individual contribution to the preparation of publications (%) and consent of co-authors to the use of publications in the defence of the candidate's doctoral thesis

|  |  |  |  |
| --- | --- | --- | --- |
| **Publication title** | Contribution of the doctoral candidate, | **Corresponding/ head author** | **Corresponding/**  **head author’s signature** |
| *1. Multi-source data. and visualisation (full name)* | *20* | *A. Liepa* | *Personal signature* |
| I agreed to use this publication to defend the candidate's doctoral thesis | | **Co-author** | **Co-author's signature** |
| *B. Ozols* | *Personal signature* |
| *C. Lapa* | *Personal signature* |
| *D. Zars* | *Personal signature* |
| *etc.* | *Personal signature* |

\*An example of filling in a table is shown in italics.

\*\*This table must be completed similarly for each publication.