

Recommended forms and structure of dissertations for the doctoral study programme Food and Natural Products (D305/AD305) at the Department of Food Analysis and Nutrition

Basic information

The rules for submitting and publishing dissertations at the University of Chemistry and Technology, Prague, are governed by Directive No. A/S/961/3/2018. The text below summarises the framework recommendations for preparing a dissertation for the DSP of the Department of Food Analysis and Nutrition. **The final structure and form of the dissertation must always be discussed (before printing) with the chair of the study program council (OR), Prof. Pulkrabová.**

The application for permission to defend the dissertation is signed by the supervisor, the chair of the relevant OR and the head of the training department (in this case, the head of the Department of Food Analysis and Nutrition).

The thesis may be written in Czech or English, as agreed with the supervisor.

Mandatory formal components of the dissertation

- Title page in Czech (only for D305)
- Title page in English
 - will be first if the thesis is written in English
- Declaration
- (Acknowledgements, Financial acknowledgements may also be included)
- Summary in Czech (only for D305)
- Summary in English
 - will be first if the work is written in English
- Table of Contents

Classic form of a dissertation

This is a full-length academic text with the following structure:

- Introduction
- State of the Art
- Aims of the Thesis
 - Clear definition of the main research objective and specific objectives of the dissertation
- Materials and Methods
- Results
- Discussion
 - May be written together with the results
- Conclusion(s)
 - Clear assessment of the overall contribution of the dissertation
- Literature – References
- List of Abbreviations
- List of Attachments
- Attachments
 - May also include a list of all publications, contributions to international and national conferences, etc.

Dissertation in the form of a commented summary of publications

This is a text based on the author's scientific publications, which are attached to the thesis in their final form, with the following structure:

- Introduction
- Aims of the Thesis
 - Clear definition of the main research topics and specific objectives of the dissertation
- Annotated summary of published results
 - The main part of the dissertation, in the form of an annotated summary of publications, consists of thematically structured chapters. Their structure is designed individually by the student, in consultation with the supervisor, so that it corresponds to the focus of the dissertation topic.
 - Each chapter should contain a summary of the current state of knowledge in the field, an overview of key literature, and an identification of knowledge gaps that are addressed by the author's own research work.
 - Direct references to the author's own results (individual appendices) must be included in each chapter, along with an explanation of their significance in the context of the given topic. The commentary should always clarify the relationship between the individual publications and their contribution to the dissertation's main objective. An integral part is also an evaluation of their scientific and professional contribution, or, where appropriate, a reference to the innovative nature of the methods or approaches used.
- Conclusion(s)
 - The final chapter of the dissertation must summarise the main findings across all publications, critically evaluate the results achieved in relation to the current state of knowledge, and formulate the limitations of the work and suggestions for further research. This chapter should also include an assessment of the application potential of the results and their contribution to the further development of the field or practical use.
- Literature – References
- List of Abbreviations
- Annexes
 - Attached publications that form the basis of the dissertation. At least 3 articles should be published (or accepted for publication) in peer-reviewed journals, of which at least 1 should be the first author.
 - It is **necessary to clearly document your own authorship of individual publications in the form of a description for each publication.**
- (Additional attachments)
May also include a list of all publications, contributions to international and national conferences, etc