

Guidelines for the Research Proposal for the Application for Admission

1. **Cover Page** including:

- Information about the author (name, date of birth, address, academic degree with field of study)
- Provisional title of the dissertation project
- Indication of whether the dissertation is being conducted in collaboration with an external institution (e.g., a company)

2. **Abstract** with approximately 250 words and about 5 keywords for categorizing the topic area.

3. **Objectives and Research Questions**

- Central research question to be addressed in the dissertation or the main objective of the dissertation (usually a primary research question with more detailed sub-questions)
- Explanation of what the research aims to discover and the significance of the findings (Why is this important?)
- Discussion of how the anticipated results will advance scientific knowledge.

4. **Current State of Research and Contextualization within the Research Field**

- Overview of the existing research related to the dissertation's question and identification of the research gap that the dissertation aims to fill.

5. **Research Design and Methodology**

- Explanation of the planned and applied methods to answer the research question (e.g., models, algorithms, case studies, experiments, simulations, surveys, text analyses)
- If applicable, presentation of the hypotheses
- Description of the planned data/information collection (basis for collection, collection method)
- Outline of the planned data analysis and use of the results
- If applicable, ethical approval: required? Yes/No; submitted? Yes/No

6. **Table of Contents** (optional) for monographs

7. **Timeline and Work Plan**, taking into account the current state of work, starting from the commencement of research activities for the dissertation. Include a diagram (e.g., Gantt chart) for clarity, and milestones if applicable.

8. **Bibliography** (own works and selected literature references)

Length: 2000 to 3000 words for the presentation of sections 3 to 6.
Sections 3 to 5 can be presented in a combined section.