

Additional Requirements for Dissertation and Summary

Requirements to the candidate's thesis

The PhD thesis is a fundamental or fundamentally applied research that contains an original solution of a scientific problem that is essential for the relevant field of science and technology; or presents new scientific/technological developments of high importance for scientific or practical use.

The DS thesis is the result of a major fundamental research that provides a significant contribution to the development of theory and/or practice in the relevant field of science and technology, a solution based on the author's original research approaches to an important (or a large-scale) scientific or practical task.

The thesis should be written by the author him/herself, it should be consistent, contain new scientific results and provisions and be the evidence of the personal author's contribution to science.

Thesis for the PhD degree can be:

- a) a theoretical work, i.e. analysis of the scientific field, development of a new theory;
- b) an empirical work, i.e. revealing of the new facts and empirical research of psychological regularities;
- c) a methodical work, i.e. the development of a new valuable research methodology, diagnosis or impact.

DS thesis can be theoretical or theoretical and empirical.

If the thesis has a fundamental and applied nature, there should be the evidence of the practical applying of scientific results obtained by the author.

If the thesis has a fundamental nature, there should be recommendations on applying of scientific findings.

The solutions proposed by the author of the thesis should be argued and evaluated in comparison with other known or possible solutions.

It is required to refer correctly to authors and sources of borrowed cases and separate results.

In case if candidate uses the results of the scientific research performed individually or in coauthorship this should be mentioned in the thesis.

Required in the introduction:

1. The research problem

Here the existence of a gap in a certain field of knowledge is substantiated, as well as the importance and the possibility of filling this gap in the framework of the dissertation research. Here the research tasks are set. Here the subject and hypotheses of the study are presented.

2. The theoretical and methodological basis of the research

This part of the introduction points out the initial systems of representations and methodological approaches, on which the research is based. In case of theoretical and methodological multiplicity, the candidate should prove their compatibility in one research.

3. The novelty of the study

In this section of the introduction, the candidate formulates the differences between his findings and the data available in science, showing the increase in knowledge and the significance of this increase in knowledge.

Resume

There should be a resume of the research both in English and Russian.

If the candidate presents thesis, the resume volume is about 16-24 pages.

If the candidate presents the collection of publications **without thesis**, the summary volume for PhD degree should be 20-30 pages.

Thesis design requirements

The thesis text consists of:

- the title page
- the table of contents
- introduction
- the main part of two or five chapters
- the PhD thesis volume is about 120-160 pages.

A list of abbreviations is attached if necessary. The conclusion and bibliography follow the main part.

The work is typed in Times New Roman font (the type size is 14pt, 1,5 interval) Left side is 2.5 cm, right - 1cm, upper - 2 cm, lower - 2 cm.

Each chapter (section) of scientific work begins with a new page. Headlines are in the middle of the page with no full stops in the end. All pages are paginated; omissions and repetitions are not allowed. The first page is the title page; the number on it is not indicated.

Various illustrative materials (tables, graphs, photos, drawings) with corresponding explanations under them are usually placed on separate pages. Figures have separate numeration, so do the tables. The illustration should follow the text it was mentioned in.

The digital version of the thesis and the resume are published on the HSE website.