

Methodological recommendations for the final Master's Thesis

1. The purpose and objectives of the elements of practice " *Preparation of the final Master's Thesis* " are the accumulation and application of all mastered professional research skills: the ability to independently formulate a research problem and justify its relevance, substantiate the research methodology, conduct a competent historiographical analysis, demonstrate mastery of mathematical research methods.

2. The topic of the final Master's Thesis must be approved by the academic supervisor.

Students of the educational program "Mathematics" perform the final Master's Thesis in an academic / project format (individual / group study or project). The final Master's Thesis is performed and defended in English. Other information about the preparation and defense of final qualifying papers is set out in the Methodological Recommendations for the preparation of the final Master's Thesis for the bachelor's degree program "Mathematics". The deadlines for the implementation of the final Master's Thesis are regulated by the Schedule for the implementation and protection of the final Master's Thesis .

3. Evaluation features:

The supervisor evaluates the final Master's Thesis according to the Review Sheet of the final Master's Thesis supervisor. One reviewer is assigned for each final Master's Thesis. The reviewer is obliged to conduct a qualified analysis of the main provisions of the reviewed final Master's Thesis, the presence of his own point of view / design solution, the ability to use the methods of scientific research / design, the degree of validity of conclusions and recommendations / adequacy of means of achieving results, the reliability of the results obtained / expediency of the products obtained, solutions, their novelty and practical significance. The reviewer evaluates the final Master's Thesis according to the reviewer's Review of the final Master's Thesis.

When making an assessment, the content, design and presentation of the text of the work are taken into account, based on the evaluation criteria contained in the Methodological Recommendations for the preparation of the final Master's Thesis. Taking into account the results of the defense and the assessments of the supervisor and reviewers, the final assessment of the work is formed. The assessment for the final Master's Thesis is determined by an open vote of the members of the State Examination Commission (for the content of the final Master's Thesis, its defense, including the report, responses to the reviewer's comments). In the event of a dispute, the Chairman of the State Examination Commission has the casting vote.

4. Resources and material and technical base required for implementation

In their work on the final Master's Thesis, students use materials from external resources — libraries and archives, the resources of the HSE library, as well as electronic information resources provided by the HSE library by special subscriptions: databases of domestic and foreign periodicals, databases of scientific citation, databases of electronic books, dictionaries and encyclopedias, databases of digital images.

5. Features of performing tasks under restrictive or other measures

In the conditions of restrictive measures, stationary passage (if it is the norm in normal conditions) by the decision of the University or, in the case of delegation of these powers to the educational program, the Academic Council of the educational program can be replaced by remote.

Other features of performing tasks under restrictive measures depend on the nature of the restrictions and are specified by the governing bodies of the University, Faculty or educational program.