

APPROVED
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Requirements for Publications Submitted by Candidates for Academic Degrees in Mathematics at HSE University

Defence of a dissertation for a Candidate of Sciences degree / PhD in Mathematics

When defending a separate, coherent dissertation in Mathematics, the following must be submitted:

- 2 (two) articles (both in WoS, Scopus or MathSciNet).

When defending a dissertation comprised of several research articles, the following must be submitted:

- 3 (three) articles (all in WoS, Scopus or MathSciNet), no fewer than one of which must be indexed in WoS Q1-Q2.

If, when defending a dissertation for a Candidate of Sciences degree comprised of several research articles, all publications involved co-authors, then the following must be included:

- a description of the candidate's contributions to each one of the defended articles

The following persons/organs are responsible for evaluating the author's contributions:

- dissertation committee, which has the right to ask the co-authors about the significance of the candidate's personal contribution to the publications;
- academic supervisor who must, in his/her feedback, confirm the personal contribution of the candidate.

Defence of a Dissertation for a Doctor of Sciences degree/DS in Mathematics

When defending a separate, coherent thesis/dissertation in mathematics, the following must be submitted:

- 10 (ten) articles (all in WoS, Scopus or MathSciNet), at least 6 (six) of which must be indexed in WoS Q1-Q2. At least 2 (two) articles should list no co-authors.

When defending a dissertation comprised of several research articles, the following must be submitted:

- 10 (ten) articles (all in WoS, Scopus or MathSciNet), at least 6 (six) of which must be indexed in WoS Q1-Q2. At least 2 (two) articles should list no co-authors.

A defence can be conducted on the basis of 7-10 articles (at the candidate's discretion).

General Clarifications for the Requirements for All Academic Fields

In all cases, the submitted publications must reflect the main findings of the dissertation research.

In all cases, publications accepted for print, provided they are accompanied by an official confirmation from the journal's publisher or editorial board, are considered alongside already published works.

In all cases, the dissertation committee has the right to conduct a substantive expert review of the submitted articles during the preliminary stage of defence; in the case of a monograph, the committee has the right to determine whether it meets the requirements of an academic publication.

If, in the given field, as per the procedure established at HSE University, there is a confirmed list of publishers in which a monograph accepted for defence can be published, then publishers in this list shall be automatically recognized. Other publishers may be recognized by a decision of the dissertation committee.

The dissertation committee may not recognize a re-publication of the text as a separate publication, including if it is a translation into another language.

In all cases, publications in journals included in the black list of journals and publishers are not accepted. (<https://scientometrics.hse.ru/blacklist>)

In all cases, publications in journals where the candidate is the editor-in-chief, deputy editor-in-chief, or executive secretary at the moment of publication are not accepted.

For a list of HSE University recommended journals, see: <https://scientometrics.hse.ru/goodjournals>

Publications in Web of Science do not factor in the Emerging Sources Citation Index (ESCI).

Journal quartiles are determined by the publication year of the candidate's article. If data for the given publication year is not available, then the most recent year when such data was available shall be used.

If the journal has different quartiles, then the quartile for the candidate's article is determined by the field closest to the subject of the candidate's dissertation.

If the dissertation committee opts to consider publications included in a list of top journals (or another supplementary list), lists of such journals shall be drawn up and made fully accessible.

The lead author is determined as per the rules of the journal in which the article is published; if such rules do not exist, the dissertation committee makes the final decision.

With regard to materials from scientific conferences in the natural and technical sciences (CORE and others), then only materials from the core conference programme are considered.

In social and humanitarian sciences, articles may be substituted for individual, peer-reviewed scientific monographs published in leading publishers included in the approved list.

In the social and humanitarian sciences, articles that accompany a separate, coherent dissertation may be published in any other foreign language if the topic of the

dissertation is connected with the corresponding country or language and if the dissertation committee agrees. Defended articles (i.e. those that do not accompany a separate, coherent dissertation/thesis) can only be presented in Russian or English.