

PhD minimum requirements

Name of institute:	BME Faculty of Transportation Engineering and Vehicle Engineering Transport and Vehicles Sciences Habilitation Committee and Doctoral Council
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The formal fulfilment of the conditions does not guarantee the initiation of the PhD procedure or its successful completion. During the decision-making process, the Habilitation Committee and Doctoral Council (HBDT) will examine the level of publication of new scientific results and the candidate's contribution to the published results.

A) Publication requirements

A1) Requirements regarding the composition of the publications

Minimum number of publications related to the thesis points (4 publications):

- at least 1 paper in a peer-reviewed journal with Impact Factor in a foreign language, which journal is included in the Web of Science database, with at least 50% participation of the candidate, which may be collected by summing up percentages of more publications,
- at least 2 peer-reviewed papers in a foreign language,
- at least 1 publication in Hungarian (for Hungarian citizens),
- at least 1 of the foreign language publications should be published in international conference proceedings or in foreign language journal published abroad.

Submitted, but still unpublished publications are considered as not peer-reviewed. This is also valid in cases, when the editor requests a revision of the paper. If the editor declares the acceptance of the unchanged publication in writing, it can be considered as a peer-reviewed paper in terms of the minimum requirements. In the minimum publication requirements other publications cannot be accepted (TDK or the diploma thesis, abstracts, extended abstracts, non-written conference presentations), but can be considered during the professional evaluation. In the evaluation only publications recorded in MTMT can be considered.

A2) Requirements regarding the quality of the publications

In addition to the above mentioned requirements, the Habilitation Committee and Doctoral Council (HBDT) also evaluates the quality of publications by scoring, and a predefined value from these points should be reached as follows. The publications recorded in the Hungarian Scientific Bibliography Database (MTMT) are determined using the automatic scoring function available in MTMT, calculated with the author ratios set in MTMT. (This calculation procedure also applies to the MTA Doctoral acts and to habilitation procedures)¹. The scores for the publications are defined as follows:

Peer-reviewed journal paper	with IF	0.6 points or the IF value of the paper (the higher value)
	published abroad without IF	0.4 points
	published in Hungary without IF	0.3 points
Conference paper	in a foreign language	0.2 points
	in Hungarian	0.1 points

¹ <https://mta.hu/doktori-tanacs/tajekoztato-az-mta-doktora-tudomanyos-cimre-torteno-palyazat-benyujtasahoz-105291>

The score of books, book chapters, patents, and other scientific works are determined individually by the Habilitation Committee and Doctoral Council (HBDT). The points received for publications should be divided by the number of authors, according to the author ratios recorded in the MTMT.

The minimum requirement can be calculated in two ways from the publication points using the above mentioned scoring system. The candidate can choose between the two calculation methods, which is more favourable:

- In case the supervisor is considered as a full author, then the author ratios of the supervisor do not count to the author ratios of the candidate, and **the minimum score to be achieved is 2 points.**
- In case the author ratios of the supervisor are added to the author ratios of the candidate, then **the minimum score to be achieved is 3.5 points.**

B) Minimum language requirements

Section 17(3) of the Doctoral and Habilitation Regulations (DHSZ) requires an intermediate English language exam in the first place. The proof of language skill has to be a state recognized language exam at least on B2 complex level or an equivalent certificate. The second foreign language can be any active language in the scientific field. The proof of language skill has to be a state recognized language exam at least on B1 complex level or an equivalent certificate. With a HBDT decision a valid certification of language knowledge – from a higher education institution or a research institute – can be accepted (e.g. taking exams or giving lectures in that language.)

Regarding the acceptance of foreign language exams, see the table at the link below (in Hungarian):

https://nyak.oh.gov.hu/doc/honositas/honositas_tabla1.asp?strID=AA