



**HUNGARIAN UNIVERSITY OF AGRICULTURE AND LIFE
SCIENCES**

DOCTORAL SCHOOL OF MECHANICAL ENGINEERING

**Head of Doctoral School
Dr. Gábor Kalácska
Professor, Doctor of the Hungarian Academy of Sciences**

QUALITY ASSURANCE PLAN

**GÖDÖLLŐ
2022**

The quality assurance system of the DI is based on the principles set out in the "MATE Quality Assurance System for Doctoral Schools". The specific requirements for doctoral schools are summarised below. These include methods for applying the general principles.

Quality control requirements for the admission procedure

The supervisor may admit doctoral candidates in the field and subject group advertised and approved by the Doctoral School Council (DIT). To this end, prospective supervisors may submit their topics to be advertised for the following year by 31 January each year (see section 3).

The admission procedure and evaluation are governed by the Uniform Rules for Doctoral Schools.

Quality control requirements for doctoral training

At least every three years, the DIT reviews the list of compulsory and optional subjects, their themes and credit values.

The announced subjects are based on the university's training, but their content is highly scientific in demand, and the theoretical procedures and their application to research activities are more prevalent in their content.

The lecturer of the subject will submit to the DIT a proposal of approximately 2-3 pages for each of the announced subjects, and should include:

- the subject matter and detailed time structure,
- - bibliography,
- - the methodology of its presentation,
- - the methods and techniques of examination (the course descriptions are available at mtdi.szie.hu).

The teaching methodology of the subjects should promote:

- the establishment of a direct teacher-student relationship,
- - a systemic approach to problem perception and problem solving
- - the development of the doctoral student's debating and expressive skills
- - the development of a critical vision,
- - the simultaneous acquisition of a comprehensive knowledge and a mastery of detail,
- - high standards of accountability.

The performance of the academic activity required for the complex exam will be marked by the KÉB on the basis of the criteria set.

Quality control requirements for degree acquisition

In the doctoral complex examination, the doctoral candidate shall demonstrate the overall level of knowledge of science and its application in the subject he/she has studied.

The doctoral thesis book must contain new scientific results.

The Pilot Debate should be conducted in front of a panel of external and internal experts, with no time limit. The Doctoral School Council (DIT) may invite only recognised experts in the field to serve on the committees.

Quality control requirements for habilitation

The following addendum is attached to section 6§ (3) h of the University Habilitation Regulations:

The MTDI will issue an acceptance statement if the applicant has obtained a PhD degree in the MTDI's discipline at least five years prior to the submission of the application and is actively engaged in higher education. The MTDI will assess the habilitation application submitted to it within three months.

The basis of the scientific metric evaluation in the submitted application is:

- At least 50% of the requirements for the title of Doctor of MTA, as formulated by the Scientific Committee for Agricultural and Biotechnical Sciences, Section IV, Agricultural Sciences,
- or, in accordance with the researcher's professional activity,
- at least 50% of the requirements for the title of Doctor of MTA as formulated by one of the Scientific Committees of the Technical Sciences (Section VI).

The basis for the decision of the discipline is the professional Q classification of the publications in the MTMT database.