



MISKOLC
E G Y E T E M

**SÁLYI ISTVÁN DOCTORAL SCHOOL OF MECHANICAL
ENGINEERING OPERATING REGULATIONS**

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I. Chapter

Purpose of the regulations

1. §

- (1) The purpose of these regulations (hereinafter referred to as the Regulations) is to define the procedural and organisational rules of doctoral training at the István Sályi Doctoral School of Mechanical Engineering.

Legislation relating to the Regulations and the scope of the Regulations

2. §

- (1) Basic legal regulations and other binding documents covering the areas specified as the purpose of the Regulations:
- a) Act CCIV of 2011 on national higher education.
 - b) Act C of 2001 on the recognition of foreign certificates and diplomas.
 - c) Government Decree 87/2015 (IV.9.) on the implementation of certain provisions of Act CCIV of 2011 on national higher education.
 - d) Government Decree 423/2012 (XII.29.) on the higher education admission procedure.
 - e) Government Decree 387/2012 (XII.19.) on doctoral schools, doctoral procedures and habilitation.
 - f) Government Decree 51/2007 (III.26.) on the allowances and fees payable by students participating in higher education.
 - g) Government Decree 137/2008. (V. 16.) on state-recognised language examinations certifying foreign language proficiency and the recognition in Hungary of foreign language proficiency certificates issued abroad.
- (2) The personal scope of the Regulations extends to all organisational units, employees and students of the University of Miskolc.
- (3) The temporal scope of the Regulations: from the date of entry into force until revocation.

II. Chapter

GENERAL PROVISIONS

The Doctoral School

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- (1) The István Sályi Doctoral School of Mechanical Engineering (hereinafter: Doctoral School) was accredited by the Hungarian Higher Education Accreditation Committee (MAB) by its decision 2000/10/III/1.4/4, based on the doctoral programme in Mechanical Engineering of the Faculty of Mechanical Engineering.

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- (2) The tasks of the Doctoral School are based on Act LXXX of 1993, as amended several times, Government Decree 51/2001 (IV/3) on doctoral training, Act CCIV of 2011 on national higher education, Government Decree 387/2012 (XII. 19.) on the implementation of certain provisions of Act CCIV of 2011, Government Decree (XII. 19.) on the implementation of certain provisions of Act CCIV of 2011 on national higher education, Government Decree 87/2015. (IV. 9.) and the regulations of the University of Miskolc on doctoral training and the award of doctoral (PhD) degrees.
- (3) The Doctoral School at the Faculty of Mechanical Engineering and Information Technology of the University of Miskolc prepares students for a doctoral (PhD) degree within the framework of a programme accredited by the Hungarian Accreditation Committee (MAB). The aim of the programme is to ensure a continuous supply of higher education and scientific researchers in the field of mechanical engineering. Doctoral students participating in the programme prepare for the completion and defence of their doctoral dissertations with the assistance of leading lecturers and researchers in mechanical engineering and natural sciences (including foreign experts). The contact details of the Doctoral School are provided in Appendix 1.

Head of the Doctoral School

4.

- (1) The Head of the Doctoral School is responsible for the general representation of the Doctoral School. The Head of the Doctoral School is elected by the University's Doctoral Council from among the core members of the Doctoral School, based on the recommendation of the majority of the core members, and is appointed and dismissed by the Rector for a maximum term of five years. The appointment may be extended several times. A letter of appointment shall be issued. The Head of the Doctoral School is a permanent member of the university faculty who is responsible for the academic standards and educational work of the school.

The core members

5.

- (1) The core members of the Doctoral School meet the conditions specified in the Government Decree and engage in continuous, high-level scientific activity. Core members shall list the ten most important and most characteristic scientific publications of their scientific career, including those published in the current year, in the National Doctoral Database on their personal data sheet. Core members are expected to be active researchers, which means that the indicators of their scientific publications in the five years prior to the announcement of the topic must meet the publication requirements for obtaining a degree from the Doctoral School (their publications in the last five years must meet the minimum requirements for obtaining a doctoral degree). In terms of their academic career, core members are expected to have at least 12 articles published in high-ranking international journals.
- (2) The consultative body of core members is the Core Members' Meeting. The body makes recommendations to the chair, vice-chair and members of the Doctoral Council of the Faculty.
- (3) Following the establishment of the Doctoral School, the admission of new core members is decided by the University Doctoral Council, based on the recommendation of the head of the Doctoral School and after consultation with the Doctoral School Core Members' Council and the Doctoral Council of the Faculty. The new core member shall make a statement regarding their legal relationship with the University and their

commitment to the core member and supervisor activities assigned to them in the doctoral school. The Doctoral School shall send a copy of this statement to the Office of the Vice-Rector for General Affairs (ÁRT) for registration and approval by the University Doctoral Council.

- (4) The list of core members of the Doctoral School is included in Appendix 2.

The mandate of the core members of the Doctoral School shall terminate

- a) upon resignation
- b) upon termination of employment (except in the case of those holding the title of Professor Emeritus or Professor Emerita)
- c) if the core member designates another higher education institution as the beneficiary of budgetary support
- d) if the core member has submitted a core membership declaration to another doctoral school
- e) upon the death of the member
- f) upon termination of the Doctoral School.

- (5) Members of the Doctoral School

- a) are the core members of the Doctoral School,
 - b) the lecturers and invited researchers of the Doctoral School,
- who may participate in doctoral training in teaching and announcing topics, and supervising the work of doctoral students.

The members of the Doctoral School are lecturers and researchers with academic degrees who are deemed suitable by the Doctoral Council of the Faculty to perform teaching, research and thesis supervision tasks. The members of the Doctoral School are invited by the head of the School to participate in the work of the School.

The appointment of members shall terminate

- a) upon the death of the member,
- b) upon the termination of the Doctoral School,
- c) upon resignation, or
- d) by decision of the Doctoral Council (e.g. if it no longer considers the person suitable for teaching or supervising tasks).

Organisation of the Doctoral School

6.

- (1) The head of the Doctoral School shall be a university professor with a doctorate in technical sciences from the Faculty of Mechanical Engineering and Information Technology or a doctorate from the Hungarian Academy of Sciences, who is competent in the relevant field of science, a core member of the Doctoral School, who is elected by the University Doctoral Council on the basis of a proposal by the Core Members' Meeting and after consultation with the Doctoral Council of the Faculty, and who is appointed and dismissed by the rector.
- (2) The thesis supervisors, thesis advisors and lecturers of the Doctoral School may be lecturers and researchers with academic degrees who are deemed suitable for the tasks by the Doctoral Council of the Faculty (taking into account the provisions of the regulations on doctoral training and the award of doctoral (PhD) degrees at the University of Miskolc).

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- (3) In addition to the core members, the members of the Doctoral School include topic writers, supervisors and lecturers who are invited by the Dean of the Faculty of Mechanical Engineering and Information Technology based on the decision of the Doctoral Council. Thesis writers are expected to be active researchers, which means that the indicators of their scientific publications in the five years prior to the announcement of the topic must meet the publication requirements for obtaining a degree from the Doctoral School (their publications in the last five years meet the minimum requirements for obtaining a doctoral degree). The topic writer becomes a supervisor if a student applies for their announced topic, is accepted, and enrolls in the doctoral school. The same requirements apply to supervisors and co-supervisors. Topic writers, supervisors and lecturers must demonstrate the required English language proficiency by means of a language exam, foreign research/teaching work experience, active participation as a speaker at foreign conferences, experience in teaching and supervising in English, the number of publications in English and international co-authorship. It is a requirement that a supervisor does not supervise more than four doctoral students at the same time and has held a PhD degree for at least three years.
- (4) The broad field of mechanical sciences, the professional background of the Faculty, and the diverse knowledge of its scientists organise the School's educational and research activities and its educational and research programme into three major subject areas. The subject areas of the Doctoral School and the leaders of these subject areas are listed in Appendix 4.
- (5) Within each subject area, training and research are conducted in further subject groups. The head of the subject area and subject group may be a full or corresponding member of the Hungarian Academy of Sciences, a professor with a PhD or doctorate from the Hungarian Academy of Sciences, or a habilitated professor. The leaders of the subject areas and subject groups are elected by the Doctoral School Council from among the professors working in the given research area. Their task is to continuously monitor and evaluate the academic and research progress of the doctoral students belonging to the subject groups.

The Doctoral Council

7.

- (1) The Doctoral Council (TDT) is the decision-making body of the Doctoral School.
- (2) The Doctoral School's Core Members' Meeting proposes the chair, vice-chair and members of the Doctoral Council. The Faculty Council expresses its opinion on the chair and vice-chair. The chair, vice-chair and members of the Doctoral Council shall be appointed and dismissed by the chair of the University Doctoral Council, following an advisory vote by the University Doctoral Council.
- (3) The composition of the Doctoral Council of the István Sályi Doctoral School of Mechanical Engineering is set out in Annex 3.
- (4) Minutes shall be taken of the meetings of the TDT and shall be signed by the chair, the minute-taker and a certifying officer.
- (5) The TDT shall meet online or in person at least twice per semester. The chair shall convene the meeting in writing, ensuring that the invitees are notified of the date and place of the meeting at least one week in advance.

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- (6) The Dean's Office shall notify the parties concerned of the decisions of the TDT in writing within eight working days, and the Council's statements of principle shall be published on the Doctoral School's website.
- (7) The tasks of the Doctoral Council are as follows:
- a) It approves the training programmes submitted by the heads of education and research programmes.
 - b) Decides on the persons of invited lecturers and researchers based on the proposal of the head of the Doctoral School.
 - c) Approves compulsory, compulsory elective and freely elective subjects, specifying the subject coordinators and prerequisites.
 - d) Determines the foreign language requirements for obtaining a doctoral degree and designates the list of languages acceptable as the first foreign language. At the István Sályi Doctoral School of Mechanical Engineering, taking into account the field of science, English, German, French, Russian, Spanish, Italian and Japanese are acceptable as the first foreign language.
 - e) It reviews the announced scientific topics, decides on the topics that can be announced and their supervisors. (A doctoral topic is a scientific objective whose implementation is suitable for the candidate to acquire scientific knowledge and the application of scientific methods under the supervision of the supervisor (scientific leader) and to demonstrate this in the form of scientific publications, lectures and a doctoral dissertation).
 - f) The Doctoral Council of the Faculty develops a policy on the compilation of doctoral students' training plans and the selection of doctoral topics. The training plan and doctoral topic compiled on this basis are approved by the head of the relevant subject area on the recommendation of the supervisor and the head of the subject group.
 - g) It shall report on the activities of the supervisors under their supervision to the heads of the subject areas.
 - h) Develops credit regulations for measuring the academic and research performance of students based on the credit system proposed by the University's Doctoral Council.
 - i) Reviews foreign institutions that can be involved in doctoral training on an annual basis, plans the travel of doctoral students and the invitation of visiting professors.
 - j) It reviews the Quality Assurance System of the Doctoral Council of the Faculty regarding doctoral training.
 - k) It approves the composition of the Admissions Committee and the scoring system for the admissions procedure.
 - l) Based on the report of the Admissions Committee, it makes recommendations to the University Doctoral Council regarding the persons to be admitted and the supervisors. (The University Doctoral Council decides on admission. The ÁRT notifies students of their admission. An appeal may be lodged against a first-instance decision to refuse admission in accordance with the University of Miskolc's Doctoral Training and Doctoral (PhD) Degree Regulations (university regulations).
 - m) It reviews the progress of students' academic, teaching and research tasks on an annual basis and, in the event of delays, takes the necessary steps in accordance with the University's Study and Examination Regulations and the credit system of the Doctoral School.

- n) Makes recommendations to the University Doctoral Council regarding changes in student status (e.g., transfer of a full-time student to a student participating in organised training according to an individual curriculum, dismissal, etc.).
 - o) It reviews applications submitted by applicants for individual preparation, designating the subjects to be examined and the supervisor.
 - p) It authorises participation in parallel training in a field relevant to doctoral training.
 - q) Decides on the amount of cost reduction specified in the university regulations at the request of doctoral students participating in self-funded training.
 - r) Taking into account the applicant's request, it
 - determines the requirements for the comprehensive examination,
 - appoints the members of the Complex Examination Committee and the Doctoral Review Committee (Defence Committee).
 - s) It makes a recommendation to the University Doctoral Council on the award of the PhD degree or the closure of the unsuccessful procedure, and expresses its opinion on the recognition of foreign academic degrees.
 - t) Reviews the activities of the lecturers participating in the Doctoral School on an annual basis, makes proposals for new members and new guest lecturers/researchers, as well as for the dismissal of members and guests.
 - u) It decides on the launch and termination of educational and research programmes running in the Doctoral School.
 - v) It makes proposals to the Faculty Council for the awarding of honorary doctoral degrees.
- (8) The Doctoral School Council has a quorum if more than half of its voting members (internal and external members) are present. The votes of absent members of the Council, submitted in advance in writing in a sealed envelope, shall also be taken into account. The chairperson shall ensure the confidentiality of the votes of absent persons. It shall make decisions on personnel matters by secret yes/no vote, by a simple majority. In the event of a tie, the chairperson shall have the casting vote. Other positions shall be decided by open vote under the same conditions. The Council shall meet as necessary, and the chairperson shall decide when to convene it. Minutes shall be taken of the Council's meetings and shall be authenticated by the chairperson's signature.
- (9) It decides on the topics to be announced in the Doctoral School.

The Doctoral School Forum

8.

- (1) The Doctoral School Forum consists of the doctoral school's supervisors, lecturers and doctoral students.
- (2) The forum is convened by the head of the Doctoral School. A meeting must be convened if at least one-third of the members of the Doctoral School or doctoral students request it in writing, stating the agenda items to be discussed. The head of the Doctoral School chairs the meetings of the Forum; if he or she is unable to do so, the person appointed by him or her chairs the meeting.
- (3) The Doctoral School Forum is a consultative body and has no decision-making powers.

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Administration of the Doctoral School

9.

- (1) The registration tasks and other administrative activities of the Doctoral School shall be performed by the Dean's Office of the faculty and the Doctoral School administrator, in cooperation with the ÁRT.

Application activities of the Doctoral School

10.

- (1) The Doctoral School may independently submit and announce applications for doctoral training support. The heads of the individual subject areas are also entitled to do so.
- (2) In the case of applications affecting the entire Doctoral School, the coordinator shall be appointed by the Doctoral Council of the Faculty. In urgent cases, the chair of the council may take action, informing the council afterwards.

Management of the Doctoral School

11.

- (1) The Doctoral Council of the Discipline shall have control over the funds available to the Doctoral School.
- (2) The Doctoral Council shall also decide on the use of funds awarded to the Doctoral School as a whole through applications, in accordance with the rules of the given applications. The council shall decide on a case-by-case basis which decision-making powers it reserves for itself and which it delegates to the application coordinator.

III. Chapter ABOUT DOCTORAL TRAINING

Admission procedure

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- (1) Applicants must meet the general admission requirements set out in Appendix 14 of the Regulations for Doctoral Training and Doctoral (PhD) Degree Acquisition at the University of Miskolc:
 - a) applications may be submitted each year by the centrally determined deadline by completing the form downloaded from the website of the University of Miskolc or the Doctoral School and attaching the necessary documents in accordance with the above legislation
 - b) applications must be submitted to the Secretariat of the Vice-Rector for General and Scientific Affairs, whose administrator will forward the applications received to the chair of the Doctoral Council of the Faculty,

- c) The Chair of the Doctoral Council of the Faculty shall appoint and invite the Chair and members of the Admissions Committee, and then, in consultation with them, shall notify the applicants of the time and place of the oral entrance examination.
 - d) the admissions committee, consisting of at least three members, conducts an oral admissions examination with the applicant and assesses the candidate's professional knowledge, ideas related to their doctoral work, previous academic activities, and language skills,
 - e) the committee shall evaluate the performance of the applicants using the scoring sheet in Annex 6, awarding a score of up to 100 points, and shall rank them on this basis and recommend or not recommend their admission; a minimum of 60 points is required for admission, but achieving this does not guarantee automatic admission,
 - f) The Doctoral Council of the Faculty shall make recommendations for admission, taking into account the number of scholarships available from the University Doctoral Council and the other possibilities and capacities of the Doctoral School. The final decision on admission shall be made by the University Doctoral Council.
- (2) When selecting the members of the Admissions Committee, the principle of institutional representation should be followed as far as possible. If necessary, the appointment may be for several years.
- (3) The doctoral admission exam is oral, which may be held online in exceptional cases. Admission scores are determined by the Admissions Committee in accordance with the Doctoral School's approved scoring system. The doctoral admission scoring system serves to ensure the objectivity of the admission process and the comparability of admission results at the faculty level. The scoring system can be used to quantify professional knowledge, suitability for research work, and TDK and publication activities prior to admission.
- (4) Admission points for students applying for the programme shall be calculated as follows:
- (a) Professional and language qualifications (maximum 50 points)

The basis for calculating the points (D) that can be obtained based on academic results is the value of the degree obtained in the master's programme (e.g. D=5 for an excellent or very good degree, D=4 for a good degree).

Points based on academic semesters can be calculated from the average academic results for the semester (maximum: 20 points). The value of points that can be earned based on language proficiency: maximum 15 points. Professional knowledge can be scored based on the answers to questions asked by the Admissions Committee. The aim is to assess general professional knowledge. Each candidate will be asked questions about their own field of expertise. A maximum of 10 points can be awarded based on the oral assessment of professional knowledge (professional commitment and communication skills). The Admissions Committee may award additional points for participation in part-time studies abroad and demonstrator activities, up to a maximum of 50 points for professional and language skills.
 - (b) Suitability for research work (maximum 50 points)

The Admissions Committee determines suitability for research work on the basis of a written application submitted to present scientific ideas (maximum 15 points) and an oral presentation of the planned scientific research work (maximum 20 points). The written application is based on the topic outline submitted in writing

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during the application process. During the entrance examination, the candidate presents their ideas about the research work in the form of a free oral presentation in Hungarian and in the chosen foreign language. The maximum number of points that can be obtained with the foreign language presentation is 5 points.

In assessing suitability for research work, especially in the case of applicants who have previously completed or are preparing individually, TDK and other professional literature (journal articles, conference articles, presentations) are important evaluation criteria. The maximum number of points that can be obtained based on TDK and other publications is 30 points.

- (5) Those who have the foreign language skills necessary for the field of study may be admitted to the doctoral programme. The foreign language required for the field of study of the Doctoral School is English, and proof of adequate proficiency may be provided by:
 - (a) At least a state-recognised language exam at the "B2 complex" level (formerly intermediate, "type C") or an equivalent certificate (see Government Decrees 71/1998 and 137/2008 and OM Decree 26/2000) is required. This requirement can be met by obtaining any intermediate-level English language exam, either monolingual or bilingual, accredited or recognised in Hungary.
 - (b) BSc and/or MSc degree obtained through studies conducted in English.
 - (c) Proven language skills demonstrated during the admission interview in the form of a 20-minute presentation in English and a related discussion.
- (6) Individual preparation From 1 September 2016, applicants can apply for the second (research and dissertation) phase of the programme, which lasts four semesters, with deadlines on 15 April and 15 November of the given year. The application requirements are a degree with at least a good grade and a minimum of 40 credits in publications (calculated on the basis of the publications recorded in the MTMT, as specified in Annex 5 of the current regulations). As part of the entrance examination, applicants take a comprehensive exam, the subjects of which, as well as the chair and members of the committee, are appointed by the Doctoral Council of the Faculty. The entrance exam scores
 - (a) consist of credit points calculated from the 10 credits available for each subject in the comprehensive examination (maximum 20 credits) and
 - (b) points calculated on the basis of publication credits (in accordance with the referenced Annex 1) (maximum 120 points).
- (7) The Doctoral Council of the Faculty makes its recommendation by submitting a ranking based on the admission scores.
- (8) The ÁRT shall notify the candidates of the admission results.

PhD student status

13.

- (1) Students enrol at the usual time at the beginning of the semester (during registration week). The Doctoral Office sends out written notification of the date at least one week in advance. Enrolment is handled by the Dean's Office of the faculty.
- (2) The date of enrolment is determined by the head of the Doctoral School.

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- (3) Student status is established on the date of enrolment. The enrolment form signed by the student and the copies of the original documents presented are certified by the Dean's Office administrator.
- (4) The Faculty shall conclude a training contract with students enrolling in self-funded programmes.
- (5) Studies at the Doctoral School may be pursued on a scholarship or self-funded basis.
 - a) The training period consists of a 4-semester training and research phase, followed by a 4-semester research and dissertation phase, after passing a comprehensive exam and obtaining the required training credits.
The training period for self-funded training in the form of individual preparation is a maximum of 4 semesters.
- (6) The suspension of the legal relationship is authorised by the Doctoral Council of the Faculty on the basis of a written request submitted by the student. During the research and dissertation phase of the doctoral programme, the duration of the suspension of the legal relationship may not exceed 2 semesters. In cases deserving special consideration during the training and research phase (e.g. childbirth, accident or long-term illness), the Doctoral Council may authorise a suspension of doctoral training for a maximum of two semesters.

Rules governing doctoral training

14.

- (1) Doctoral training is based on the training plan approved by the Doctoral Council of the István Sályi Doctoral School of Mechanical Engineering. After enrolling in the programme, the doctoral student, with the agreement of their academic supervisor, prepares a Student Training Plan, the detailed content of which is based on the Training Plan published on the Doctoral School's website.
- (2) The Training Plan contains the study, teaching and research tasks to be completed as part of the doctoral training, detailing
 - a) the names and schedules of the doctoral subjects to be mastered in the doctoral programme,
 - b) the research work plan and the planned schedule for its implementation,
 - c) a detailed description of the research topic and its objectives,
 - d) the research methods to be used,
 - e) the study trips planned during the doctoral programme and their schedule.
- (3) The organisation and administration of training activities is carried out by the Dean's Office of the Faculty.
- (4) Work plan
Every two years, with the approval of their academic supervisor, doctoral students prepare an updated work plan for the given academic year, which includes the subjects taken in the programme and the planned teaching and research work.
At the end of each semester, they prepare a report with a summary of their credits, which they submit to the head of the Doctoral School with the opinions of their supervisor and the head of their research group. Students are required to present the professional and academic parts of their report at the School's Research Seminar. The

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research group leader decides on the acceptability of the work plans and the extent to which they have been fulfilled.

(5) The rules of doctoral training

Doctoral School students fulfil their study and examination obligations in accordance with Volume III of the SzMSz. Student Requirements and the Doctoral School Credit System. The credit system of the István Sályi Doctoral School of Mechanical Engineering can be found on the Doctoral School's website under the Credit System menu item. The credit system contains detailed publication requirements, and Appendix 5 lists the credit points that can be earned from various publications.

(6) Doctoral School Credit System

A summary of the credits that can be earned in doctoral training can be found on the Doctoral School's website under the Credit System menu item. The credit system provides detailed information on the credit points that can be earned for exams, teaching and research work, seminars and doctoral forums, the minimum credit points required to obtain an absolutorium, and the minimum publication requirements for submitting a dissertation. Of the subjects announced in the doctoral programme, the subjects that can be taken by students studying for a master's degree in mechanical engineering in parallel with their studies in their final academic year are designated by the Doctoral Council of the Faculty every semester, before the start of the semester. These subjects may be selected from among those included in the Doctoral School's curriculum that are specifically designated as eligible for completion in parallel with the final academic year of the master's programme. The credit value that can be earned by completing the courses and that can be counted towards the requirements of Section 15 (6) is the same as the credit value listed in the Doctoral School's curriculum.

(7) Publication and credit requirements.

(a) Students who established their legal relationship before 1 September 2016

must have **at least four** publications in order to submit their thesis

- of **which at least two must be in a foreign language**, with the candidate contributing at least 50%; a further requirement is that **at least one of the articles must be published in a peer-reviewed foreign-language journal**, again with the candidate contributing at least 50%. (The supervisor may be omitted from the scoring among the co-authors.)
- At least one peer-reviewed article in a Hungarian journal or conference publication. A peer-reviewed journal is a journal that
 - has an editorial board,
 - has a foreign-language summary in one of the world languages, and
 - the published article has at least one independent reviewer who prepares a written opinion on the article.
- A presentation published in conference proceedings is acceptable if
 - the publication contains the full text of the presentation, which is peer-reviewed by the editors of the publication (the author must receive feedback from the conference organisers regarding the peer review and the acceptance of the material to be published)
 - the publication has an ISBN or ISSN number;
 - A one-page abstract does not count as a conference publication.

(b) Students who establish a legal relationship on or after 1 September 2016 must complete at least 240 credits by the end of their training as follows:

Training and research phase (first 4 semesters)

Designation	Credits	Comment	Credits available
Compulsory subjects	5 credits/subject	max. 8 subjects	40 credits
Elective subjects	2 credits/subject	max. 2 subjects	max. 4 credits
Research seminar	0-10 credits/semester	max. 4 semesters	min. 20
Departmental research	0-5 credits/semester	max. 4 semesters	max. 20 credits
Annual research reports on the doctoral student's topic	0-10 credits/semester	At the end of the 2nd and 4th semesters	
Teaching activities	0-5 credits/semester		
Complex planning			5 credits
Minimum publication requirement		According to 5.	min. 16 credits
Short mobility programme abroad with report on experience gained	0-5 credits/semester		
Conference presentation in a foreign language held abroad as part of a short mobility programme	4 credits/semester		

The prerequisite for applying for the comprehensive examination is the completion of all training credits and the acquisition of at least 90 credits

Research and dissertation phase (second 4 semesters)

Description	Credits	Note	Credits available
Research seminar	0-10 credits/semester	max. 4 semesters	min. 20
Departmental research	0-5 credits/semester	max. 4 semesters	max. 20 credits
Semester research reports	0-15 credits/semester	At the end of the 5th, 6th and 7th semesters	max. 45 credits

Teaching activities	0-5 credits/semester	max. 2 semesters	
Minimum number of publications		Appendix 1	min. 20 credits
Dissertation workshop			20 credits
Short mobility programme abroad with report on experience gained	0-5 credits/semester		
Conference presentation in a foreign language abroad as part of a short mobility programme	4 credits/semester		

(8) Publication practice of the Doctoral School

The Doctoral School provides doctoral students with various opportunities to obtain the publication credits required during their training, to meet the publication requirements necessary for submitting their thesis, and to publish their achievements. These opportunities are available either directly or through various competitions. These include opportunities to publish in University/Faculty Communications, in the proceedings of conferences organised in Miskolc, at prestigious domestic and international conferences, and in international journals. The credit points that can be earned with various types of publications, as well as the minimum publication requirements for obtaining an absolutorium, initiating the doctoral procedure, and obtaining a doctoral degree, are included in the credit system of the Doctoral School. The Doctoral School strives to provide the financial support necessary for the publication of students' results, taking into account the financial support of the Faculty of Mechanical Engineering and Information Technology and various grant opportunities.

(9) Doctoral School Scientific Seminar

- Doctoral students demonstrate their progress in their research topic by preparing and presenting a report at a research seminar.
- After processing the professional material designated by their supervisor, doctoral students must present it at the Doctoral School Seminar, discussing the essence of the research carried out and the possibilities for further progress. This forum provides the doctoral student with a further opportunity to present the results of their independent research and discuss them before the professional forum of the Doctoral School.
- All doctoral students of the School and the supervisor of the doctoral student giving the presentation must participate in the work of the Seminar.
- During the first four semesters of the programme, a minimum of two research seminars must be completed under the supervision of the supervisor. The material of the research seminar is assessed by the chair of the seminar and evaluated with 5-10 credit points. The research seminars serve as preparation for the dissertation and form a coherent thematic system.

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- e) Supervisors, core members of the Doctoral School, and leaders of subject areas and subject groups are invited to the report by the Doctoral School. The seminar programme is announced on the Doctoral School's website.

The comprehensive examination

15.

(1) The requirements for applying for the comprehensive examination are as follows:

- a) at least 90 credits in the "training and research phase" of the doctoral programme, including a minimum of 40 study credits,
- b) acquisition of at least 16 publication credits,
- c) at least 20 credits based on research seminar presentations,
- d) proof of English language proficiency as specified in Section 10(5)(a) or (b).

The candidate shall apply for admission to the comprehensive examination by submitting a summary of the credits earned during the training and research phase and, with the agreement of their supervisor, shall propose the subjects for the comprehensive examination. The supervisor shall attach a written opinion evaluating the candidate's work to the application. The documents for admission to the comprehensive examination shall be evaluated by the head of the subject group. No exemption from the comprehensive examination may be granted.

- (2) The Doctoral Council of the Faculty decides on admission to the examination, the subjects of the examination, and the chair and members of the Complex Examination Committee.
- (3) The location and date of the comprehensive examination shall be determined by the chair of the committee after consultation with the committee members. In exceptional cases, the comprehensive examination may be held outside the university and online. In such cases, the chair of the Doctoral Council of the Faculty shall be notified separately.
- (4) The comprehensive examination consists of two main parts:
 - a) theoretical part: the doctoral candidate takes an examination in at least two previously completed subjects, one of which must be a foundation subject and the other a professional subject. The list of topics is included in the doctoral school's training plan. The examination may also include a written part;
 - b) dissertation part: the doctoral student gives a presentation on their knowledge of the literature, reports on their research results, presents their research plan for the second phase of the doctoral programme, and outlines the schedule for the preparation of the dissertation and the publication of the results. The doctoral student presents their scientific research report and plan in a presentation and, prior to the examination, in writing.
- (5) The syllabus and literature for the theoretical part of the comprehensive examination are designated by the subject supervisors, and a list of the examination material is sent to the candidate and the members of the committee at least 15 days before the examination.
- (6) For the part of the comprehensive examination presenting research results, the candidate shall prepare a written report in advance, which shall be at least 20 pages long.

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- (7) The examination committee shall evaluate the theoretical and dissertation parts of the examination separately and **decide on their acceptance with a score of 0-1-2-3-4-5. The complex examination shall be evaluated on a two-point scale: pass or fail.**
 - (8) The comprehensive examination is successful if the candidate achieves a minimum grade of 60% in both parts of the examination. After passing the examination, the doctoral student may continue their studies. If the comprehensive examination is unsuccessful, the doctoral student may retake the examination once during the given examination period.
 - (9) The Committee shall prepare a detailed assessment report on the comprehensive examination, which shall evaluate the doctoral student's past and expected performance in accordance with the complex requirements. This document must be submitted in full to the ÁRT.
 - (10) The results of the examination shall be announced on the day of the oral examination.
- Within three years of the comprehensive examination, the doctoral candidate must submit a doctoral dissertation in accordance with the doctoral regulations. This deadline may be extended by up to one year in cases deserving special consideration, as regulated in Section 45(2) of the Nftv. (childbirth, accident, illness or other unexpected reasons beyond the doctoral student's control that prevent them from fulfilling their obligations).

Section 16

Definitions

The **certificate of completion** (final certificate) certifies the successful completion of the examinations prescribed in the curriculum and the fulfilment of other study requirements, as well as the acquisition of the credit points prescribed in the training and output requirements, which certifies, without qualification or evaluation, that the student has fulfilled all the study and examination requirements prescribed in the curriculum.

The absolutorium serves to identify the main area of activity within the discipline that forms the backbone of the programme and reflects the operational framework of the doctoral school.

The absolutorium certifies that the doctoral student has fulfilled the requirements set out in the Doctoral Regulations. The required credit is at least 240 credit points.

Obtaining the absolutorium is a prerequisite for obtaining a doctoral degree.

Interpretation of credit points awarded for various doctoral activities:

(1) Examinations

In the first three semesters, there are eight compulsory elective courses, of which at least three are foundation courses. Upon successful completion of the examination, the doctoral student is awarded five credits regardless of the grade. The enrolment in freely elective courses may be justified by the acquisition of specific knowledge. The doctoral school does not recommend taking more than 2 freely elective subjects. Upon successful completion of the examination, the doctoral student is awarded 2 credits per subject.

(2) Research seminar

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The research seminar involves research work directly related to the doctoral topic. The research work carried out within the framework of the research seminar is supervised and evaluated by the chair of the research seminar. The "Credit Summary" submitted for the final examination must include the name of the research seminar chair and the results of the seminar. A maximum of 5-10 credits per semester can be awarded for the research seminar, per training phase, for a maximum of 4 semesters.

(3) Departmental research work

Departmental research work refers to active participation in departmental/institutional research work. The primary goal of this is to participate in the work of a research project. It is not a requirement that the doctoral student's own research be related to this. The "Credit Summary" submitted for the final examination must include the titles of the research projects for which the doctoral student received credit points each semester. A maximum of 5 credits per semester can be awarded for departmental/institutional research work, per training phase, for a maximum of 4 semesters. The completion of credits is certified by the research supervisor and the head of the relevant institute.

(4) Annual research reports – training phase

Annual research reports serve to monitor the progress of doctoral students in their chosen field. Attach the report, which must be at least 25 pages long, to the "Credit Summary". A maximum of 10 credits may be awarded for the annual report, which shall be certified by the topic group leader or, in his or her absence, by the head of the subject area on the credit summary submitted every semester.

(5) Semester research reports – research phase

Semester research reports serve to monitor the doctoral student's progress in their own topic. The student shall attach the report, which **must be at least 25 pages long**, to the "Credit summary". A maximum of **15 credits** may be awarded for the semester report, which shall be certified by the topic group leader or, in his/her absence, by the head of the subject area on the credit summary submitted every semester.

(6) Teaching activities

Credits for teaching activities are determined by the director of the institute. A maximum of 5 credits per semester may be awarded for teaching activities over a period of 6 semesters. The "Credit Summary" submitted for the final examination must list the courses in which the doctoral student participated each semester.

(7) Employment, conditions of work

Within the framework of their study obligations, scholarship doctoral students may be required to work for a period equivalent to 20% of the total working hours per week in the educational and scientific activities of the institution. The time spent by the doctoral student on work, including the 20 per cent of full-time working hours, may not exceed 50 per cent of full-time working hours per week on average per semester. The doctoral student's work schedule must be determined in such a way that he or she is able to fulfil his or her examination and exam preparation obligations.

(8) Language exam

Credit points may be awarded for the second language exam, differentiated according to its type. At the University of Miskolc, 15 credit points may be awarded for a language exam organised by the Foreign Language Education Centre or for a

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basic (B1) complex state-recognised language exam, 20 credit points for intermediate level, type C or B2 complex state-recognised language exams, and 25 credit points for advanced level, type C or C1 complex state-recognised language exams.

(9) Publications, presentations

The minimum publication credit encourages doctoral students to publish their scientific results as widely as possible. A minimum of 36 credits from publication activities is required to obtain the absolutorium. To fulfil the specified credit value, at least one peer-reviewed journal article in a foreign language and one peer-reviewed journal article in Hungarian are required. (A peer-reviewed journal is one that has an editorial board, a summary in one of the world languages, and at least one independent reviewer for each published article who provides a written opinion supporting the publication of the article.) Articles published in journals or conference proceedings are only eligible for credit points if they are at least 4 pages long.

Comments

- Research reports cannot be considered publications because they are not publicly available.
- In the case of international research cooperation, presentations given at workshops may be considered as presentations given at international conferences.
- A publication with an ISBN number can be considered a book. A study or chapter appearing in such a book can be considered an excerpt from a book.
- Online journals and periodicals published by scientific institutions on the internet are equivalent to printed professional literature in terms of publication opportunities. A fundamental requirement for online publication is that the publication opportunity must be regulated and that the publication must be accessible for a long period of time (at least 10 years).
- Conference materials or professional publications that are officially published in digital form are considered full-fledged publications.

The credit points that can be awarded for publications and presentations are listed in Appendix 5.

The degree award procedure

17.

- (1) For students who established their legal relationship before 1 September 2016, the degree award procedure shall commence on the date of the decision of the Doctoral Council of the Faculty authorising the initiation of the procedure. The doctoral candidate's legal relationship shall terminate upon the award of the degree, the unsuccessful completion of the procedure, or – in the case of a topic outline – if the candidate has not submitted their thesis within two years of the commencement of the procedure.
- (2) A prerequisite for initiating the doctoral procedure is that the doctoral candidate publishes his or her own results in at least one Hungarian journal considered prestigious by the profession and in one international journal in a foreign language. A

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further prerequisite for initiating the doctoral procedure is that the doctoral candidate's publications are recorded in the Hungarian Scientific Works Repository.

- (3) The application for the doctoral procedure (and its attachments) must be submitted in two complete copies to the University's Doctoral Council, addressed to the Scientific and International Secretariat of ÁRT.
- (4) A prerequisite for initiating the doctoral procedure is the acquisition of an absolutorium. The conditions for acquiring an absolutorium are set out in the University's Doctoral Regulations.
- (5) The content and formal requirements of the application, the necessary attachments to be submitted, the procedural fees to be paid, and the requirements for the timing of the procedure are set out in the relevant sections of the University Doctoral Regulations.

Foreign language requirements for the degree award procedure 18.

- (1) The language requirement for obtaining a doctoral degree is knowledge of a foreign language, English, as specified in Section 10(5)(a) or (b).

Doctoral comprehensive examination (for students who began their studies before 1 September 2016) 19

- (1) The doctoral examination is part of the doctoral degree procedure and is a comprehensive, review-type assessment of the knowledge acquired by the person participating in the doctoral degree procedure in their field of study. No exemption from the doctoral examination may be granted.
- (2) The doctoral comprehensive examination must be taken publicly before an examination committee. The examination committee shall consist of at least three members. When composing the examination committee, it must be ensured that one third of the members are not in an employment relationship with the higher education institution operating the doctoral school. In this regard, a professor emeritus of the institution shall be considered a person in an employment relationship with the higher education institution. The chair of the examination committee may only be a university professor, professor emeritus, or habilitated associate professor or habilitated college professor.
- (3) The location and date of the doctoral examination shall be determined by the chair of the examination committee in consultation with the members of the committee. In exceptional cases, the doctoral examination may take place outside the university. In such cases, the chair of the Doctoral Council of the Faculty shall be notified.
- (4) The doctoral examination consists of a basic science and a professional examination:
 - a) The subject of the basic science examination shall be determined by the Doctoral Council of the Faculty, taking into account the examination subject proposed by the Candidate in their application. The basic science examination may be selected from the following range of subjects relevant to the Candidate's topic:
 - Continuum Mechanics, Elasticity Theory, Analytical Mechanics,
 - Modern analysis, Differential and integral equations, Discrete mathematics, Numerical methods,

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– Materials science, Thermodynamics.

- b) The subjects of the professional examination – also in line with the candidate's topic – may be selected primarily from among the subjects announced in the doctoral programmes of the István Sályi Doctoral School of Mechanical Engineering, but in justified cases, subjects taught at other doctoral schools of the University of Miskolc may also be designated.
- (5) The syllabus and literature for the doctoral examination shall be determined by the examiners of the doctoral examination subjects, taking into account the content of the subjects taught in the doctoral programme, and the list containing the examination material shall be sent to the candidate and the members of the committee at least 60 days before the examination.
- (6) The examination shall be graded on a confidential basis for each subject. The members of the committee shall grade the performance in the examination on a scale of 0-1-2-3-4-5. The examination shall be considered successful if the candidate has obtained 60% of the available points in each subject. The grade for the examination shall be determined in proportion to the total number of points achieved in the designated examination subjects as follows:
- 90-100%: summa cum laude
80-89.9%: cum laude
60-79.9%: 'rite'.
- The result must be announced immediately after the examination.
- (7) Minutes shall be taken of the doctoral examination and shall be authenticated by the signatures of all members of the committee. Two original copies of the minutes shall be sent to the Dean's Office on the working day following the examination. The examination minutes shall be attached to the doctoral candidate's record sheet.
- (8) Passing the examination is not a prerequisite for submitting the dissertation, but the dissertation can only be defended if the examination is passed. In case of failure, the examination may be repeated once after six months, within the deadline for completing the procedure.

The doctoral dissertation

20.

- (1) The dissertation is a summary of the candidate's objectives and new scientific results (description of their professional work, knowledge of the literature, research/creative methods), which may be written in Hungarian or English, or, with the permission of the Doctoral Council of the Faculty, in one of the official languages of the EU, subject to individual assessment.
- (2) For those who began their doctoral studies before 1 September 2016, the dissertation must be submitted at the same time as the application to initiate the procedure or within two years of the application being accepted.
- (3) The condition for submitting a doctoral thesis is that the doctoral candidate is not currently pursuing a doctoral degree in the same field of study, has not been rejected for admission to a doctoral programme within the past two years, and has not failed a doctoral defence within the past two years. The doctoral candidate shall make a written statement of compliance with these conditions when submitting the doctoral thesis and when applying for the degree programme.

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- (4) The thesis must include the names of the author and the supervisor (co-supervisor), the name of the doctoral school and its director, the place and time of preparation, and the DOI identifier. The thesis shall be accompanied by a recommendation from the supervisor (maximum 3 pages), a table of contents, and a summary and bibliography of maximum 2 pages in Hungarian and English. The latter shall also include the candidate's scientific publications. The thesis may include appendices (e.g. photographs, figures, calculation results, document collection, etc.).
- (5) The length of the thesis varies between a minimum of 60 and a maximum of 100 pages. The introduction, main body, bibliography and list of references may together comprise a maximum of 100 pages (excluding the cover pages), which may be exceeded by a maximum of 10 pages, but even this maximum of 10 pages requires the permission of the TDT. Additional appendices of up to 25 pages may be attached to the thesis. These should be considered guidelines, but any deviation from them must be reported and justified by the candidate to the Doctoral Council of the Faculty of Science (), which may then approve the deviation.
- (6) Five copies of the thesis must be submitted. (For cost reasons, spiral binding is acceptable for the defence.) One copy will be placed in the Library, Archives and Museum of the University of Miskolc, and one copy will be placed in the collection of the relevant institute's specialist library. The Library, Archives and Museum shall ensure that the thesis and its accompanying documents are made available to everyone on the University's website in a separate database.
- (7) The Doctoral Council of the Faculty shall appoint two official reviewers to review the doctoral thesis. One of the reviewers may not be employed by the higher education institution operating the doctoral school.
- (8) Within two months of the submission of the thesis, falling within the period specified in the doctoral regulations of the higher education institution, the two official reviewers shall prepare a written review of the thesis and state whether they recommend that it be submitted for public defence. If one of the reviewers recommends rejection, the Doctoral Council of the Faculty shall appoint a third reviewer.
- (9) In the event of two negative reviews or an unsuccessful defence, a new procedure may be initiated at the earliest after two years, and no more than once for the same doctoral topic.
- (10) The candidate is also required to submit the entire thesis and its abstracts in Hungarian and English in PDF format, which will be archived in the National Doctoral Database and made available to everyone via the internet.
- (11) At the candidate's request, publication may be delayed for a maximum of two years, based on the decision of the University's Doctoral Council. In the case of doctoral dissertations subject to patent protection, the publication of the doctoral dissertation and doctoral theses may be delayed at the candidate's request, based on the supporting opinion of the Review Committee and with the approval of the Doctoral Council of the Scientific Discipline, for a maximum of until the date of registration of the patent protection. Doctoral dissertations and doctoral theses containing classified information for national security reasons shall be made public after the expiry of the classification period.
- (12) The candidate must attach 10 copies of the thesis booklet to the dissertation. The doctoral dissertation thesis booklet shall contain:
 - a) a brief summary of the research task set out in Part I,

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- b) in Part II, a brief description of the analyses, investigations and experiments carried out, the methods of data collection, the exploration and use of sources,
 - c) Part III: a brief summary of the scientific results, indicating the author's own publications supporting the theses, the utilisation of the results and the possibilities for their utilisation. Utilisation may include: the direct or indirect practical application of the results, the promotion of internal development within the discipline, or the enrichment of other disciplines with new knowledge,
 - d) in Part IV, a list of publications on the topic of the work,
 - e) a dissertation utilising the results of collective research work, or in the case of a printed work, the applicant shall describe in detail and accurately his or her work in the collective. The applicant must first show the theses to the other members of the collective, who shall also declare whether they recognise the results presented in the theses as the applicant's results.
- (13) The doctoral thesis – unless submitted by the candidate at the start of the degree procedure – must be submitted to the Dean's Office of the faculty in accordance with the university's doctoral regulations. attachments must be submitted for those who started their doctoral studies before 1 September 2016. In addition to the five copies required by the university regulations, the doctoral candidate must submit enough copies of the thesis to be defended so that it can be sent to each member of the examination committee and one copy each can be made available in the faculty and relevant institute libraries.
- (14) The thesis will be sent to the members of the examination committee by the Dean's Office of the faculty.

The academic workshop discussion

21.

- (1) Before submitting the dissertation, it must be submitted for workshop discussion organised by the professionally competent organisational unit. The minutes of the discussion must be attached when submitting the dissertation.
- (2) One copy of the dissertation to be submitted for the scientific workshop discussion must be submitted to the doctoral school office (the Dean's Office of the relevant faculty) at least two weeks before the date of the discussion, and an additional copy must be made available online in PDF format by the same deadline, with the download location indicated in the invitation to the workshop discussion.
- (3) The following persons must be invited to the scientific workshop discussion:
 - a) all lecturers, researchers and doctoral students of the department or institute where the candidate conducted their research,
 - b) the dean of the faculty,
 - c) the members of the Doctoral Council of the Scientific Discipline,
 - d) if the work related to the new scientific results contained in the thesis was carried out at another external institution, the researchers of that institution.
- (4) Invitations to the scientific workshop discussion shall be sent out at least two weeks in advance by the head of the organisational unit responsible for conducting the discussion.
- (5) The rules of the workshop discussion are as follows:

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- a) The workshop discussion shall be organised by the competent educational organisational unit on behalf of the Doctoral Council of the Scientific Discipline. In justified cases, it may also be held online. The leader of the workshop discussion may not be the applicant's supervisor.
- b) During the workshop discussion, it must be ensured that the doctoral thesis
 1. contains authentic data,
 2. the scientific results contained therein are the applicant's own results,
 3. the thesis meets the formal requirements.
- c) Minutes shall be taken of the workshop discussion, briefly recording the positions taken on the issues specified in point b) and the opinions expressed. The minutes shall be accompanied by the attendance sheet prepared during the workshop discussion, which shall include the names, positions and academic degrees of those present.
- d) **The workshop discussion and its minutes shall be made public.**

The public debate 22.

- (6) The doctoral dissertation must be defended before the Review Committee in a public debate. The Doctoral Council of the Faculty shall establish a Review Committee to conduct the public debate on the doctoral dissertation, decide on the acceptance of the dissertation and evaluate the public defence.
 - a) The Examination Committee shall consist of at least five members, whose voting members shall also be the official examiners of the thesis. When composing the Review Committee, it must be ensured that one-third of the members are not in an employment relationship with the higher education institution operating the Doctoral School. In this regard, the institution's Professor Emeritus shall be considered a person in an employment relationship with the higher education institution.
 - b) When inviting official reviewers, it must be ensured that at least one of them is not in an employment relationship with the higher education institution operating the doctoral school. The reviewers have two months from the date of receipt of the thesis to prepare their reviews.
- (7) The thesis must be submitted for public discussion within two months of the receipt of the two supporting reviews, during the semester. The candidate receives the reviews in advance and responds to them in writing before the defence and orally during the defence, in the public discussion.
- (8) The public debate is organised by the Dean's Office of the faculty and may be held online if justified. Invitations to the public debate must be sent out at least two weeks before the meeting. The invitation to the public debate must also be published on the doctoral school's website and in the ODT database. The invitation must indicate where interested parties can view the thesis in printed form and where it can be accessed electronically.
- (9) The following persons must be invited to the public defence:
 - a) all qualified lecturers of the faculty
 - b) members of the Doctoral Council who are not employed by the University.**
- (10) During the public debate, the doctoral candidate shall present the theses of their dissertation and answer questions from the official reviewers and the Review

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Committee. Participants in the public debate may also ask questions and make comments regarding the dissertation, to which the candidate is obliged to provide appropriate answers. At the candidate's request, based on the supportive opinion of the Review Committee and with the approval of the Doctoral Council of the Faculty, a closed defence may be held if the doctoral thesis is subject to patent proceedings or contains classified information for reasons of national security.

- (11) After the discussion, the committee shall decide on the acceptance of the thesis in a closed session by secret ballot, using a 0-1-2-3-4-5 scoring system, clearly stating in writing which theses it accepts as new scientific results. A minimum of 60% of the available points is required to obtain a PhD degree.

The grade for the defence of the thesis shall be determined by the ratio of the score achieved to the total number of points available, as follows:

90-100%: "summa cum laude",
80-89.9% "cum laude",
60-79.9% "rite".

The chairperson shall announce and justify the result publicly after the vote.

- (12) Minutes shall be taken of the defence and the committee's decision. Upon request by the candidate, the higher education institution may issue a certificate of the results of the doctoral examination and defence, indicating that the certificate does not constitute the award of a doctoral degree. The University's Doctoral Council shall decide on the award of the PhD degree based on the recommendations of the Examination Committee and the Doctoral Council of the Faculty.

Maintaining contact with former doctoral students

23.

- (1) The Dean's Office of the faculty keeps a register of those who have obtained a degree. The register contains the names of those who have obtained a PhD degree, the title of their thesis, the year in which they obtained their degree and the name of their academic supervisor.
- (2) The Dean's Office organises professional meetings for degree holders every 5-10 years.
- (3) The Faculty of Mechanical Engineering and Information Technology provides publication opportunities for those who have obtained a scientific degree in the doctoral school (in order to monitor their subsequent professional activities).

Quality assurance of the Doctoral School

24.

- (1) The principles and practical tasks of the quality assurance system of the István Sályi Doctoral School of Mechanical Sciences are governed by the principles laid down in the Quality Assurance System of the University of Miskolc, the University Regulations and the Operating Regulations of the Doctoral School.
- (2) The Doctoral School has developed its own quality assurance system for academic training, which can be found on the Doctoral School's website under the Quality Assurance menu item.

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Doctoral School website **25.**

- (1) The Doctoral School operates a public website in Hungarian and English within the university's website, which can be accessed at <http://geik.uni-miskolc.hu/intezetek/SALYI/>. The Doctoral School's website features
- a) its educational and research programmes, advertised courses,
 - b) the members of the Doctoral School,
 - c) the advertised research topics,
 - d) various regulations and forms relating to doctoral training,
 - e) the location and time of professional lectures,
 - f) announcements of lectures by foreign professors,
 - g) the programmes of the Doctoral School's Scientific Seminar,
 - h) opportunities for study trips abroad,
 - i) materials presenting the scientific achievements of doctoral students,
 - j) the location and time of workplace discussions,
 - k) the location and time of doctoral examinations,
 - l) the location and time of defences,
 - m) calls for papers for conferences,
 - n) other useful information related to the Doctoral School.

IV. Chapter **FINAL AND IMPLEMENTING PROVISIONS** **26.**

- (1) These regulations were adopted by the Senate of the University of Miskolc by Resolution No. .../202, effective as of 1 April 2023, simultaneously repealing the operating regulations of the István Sályi Doctoral School of Mechanical Engineering at the University of Miskolc, adopted by Resolution No. 190/2016 and amended several times.

Miskolc, 2025.

Prof. Dr. Gabriella Vadászné Bognár
Head of the Doctoral School

Prof. Dr. Zita Horváth
Rector, Chair of the Senate

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1. Appendix

Contact details for the István Sályi Doctoral School of Mechanical Engineering

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Tel 06/46/565-111/10-21 (Dean's Office)

e-mail emese.homonnai@uni-miskolc.hu

Website <https://geik.uni-miskolc.hu/intezetek/SALYI/>

Chair of TDT: Prof. Dr. Gabriella Vadászné Bognár, university professor, institute director, Institute of Machine and Product Design,

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TDT Vice-President: Prof. Dr. Gáspár Marcell Gyula, university professor

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Institute of Mathematics

06/46/565-111/18-82

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Lecturer responsible for doctoral matters at the Doctoral School, administrator of NEPTUN matters at the Doctoral School

Emese Homonnai, Dean's representative

06/46/565-111/10-21

emese.homonnai@uni-miskolc.hu

2. Appendix

Core members of the István Sályi Doctoral School of Mechanical Engineering

Edgár Frigyes Bertóti	DSc, Dr. habil, university professor
Marcell Gyula Gáspár	PhD, Dr. habil, university professor
Károly Jálics	PhD, associate professor
János Lukács	CSc, Dr. habil, university professor
Endre Kovács	PhD, Dr. habil, associate professor
István Páczelt	Full member of the Hungarian Academy of
Sciences, Professor Emeritus	
Zoltán Károly Siménfalvi	PhD, Dr. habil, university professor
Gábor L. Szepesi	PhD, Dr. habil, university professor
Gabriella Vadászné Bognár	DSc, Dr. habil, university professor

Emeritus members of the István Sályi Doctoral School of Mechanical Engineering

László Baranyi	CSc, Dr. habil, Professor Emeritus
Károly Jármái	DSc, Dr. habil, Professor Emeritus
János Kundrák	DSc, Dr. habil, Professor Emeritus
Szilárd Szabó	CSc, Dr. habil, Professor Emeritus

3. Appendix

The István Sályi Doctoral School of Mechanical Engineering

Members of the Doctoral Council (as of 1 July 2025)

	Name
Chair:	Dr Gabriella Vadászné Bognár
Vice-Chair:	Dr. Marcell Gyula Gáspár
Internal members with voting rights:	Dr. Edgár Bertóti
	Dr. Károly Jálics
	Dr. János Lukács
	Dr. Endre Kovács
	Dr. István Páczelt
	Dr. Zoltán Károly Siménfalvi
	Dr. Gábor L. Szepesi
External members with voting rights:	Dr. Ildiko Mankova
	Dr. Gábor Kalácska
	Dr. Marosné Dr. Mária Berkes
	Dr. Gergely Kristóf
	Dr. Péter János Szabó
	Dr. Péter Szendrő
Doctoral student representative:	1 doctoral student elected for the current academic year
Members with advisory rights:	Dr. László Baranyi
	Dr. Károly Jármái
	Dr. János Kundrák
	Dr Szilárd Szabó
Referent	Dr. Krisztián Hriczó

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		Edition and version number: A1

4. Appendix

István Sályi Doctoral research topics in mechanical engineering and topic leaders

Basic Mechanical Engineering (supervisor: Dr. István Páczelt, full member of the Hungarian Academy of Sciences)	Mechanics of Solids (leader: Dr. György Szeidl, DSc, Professor Emeritus)
	Transport Processes and Machines (leader: Dr. László Baranyi, CSc, Professor Emeritus)
Design of Machines and Structures (head: Dr Gabriella Vadászné Bognár, DSc, university professor)	Design of material handling machines (led by Dr. Béla Illés, CSc, university professor)
	Design of machines and their components (head: Dr Gabriella Vadászné Bognár, DSc, university professor)
	Product development and design (head: Dr. Gabriella Vadászné Bognár, DSc, university professor)
	Design of mechatronic systems (head: Dr. Tamás Szabó, PhD, associate professor)
	Engineering structure design (head: Dr. Károly Jármái, DSc, university professor)
	Design of machine tools (head: Dr. György Hegedűs, PhD, associate professor)
	Design of energy and chemical engineering systems (head: Dr. Zoltán Siménfalvi, PhD, university professor)
Mechanical materials science, manufacturing systems and processes (head: Dr. János Kundrák, DSc, Professor Emeritus)	Mechanical materials science and mechanical technologies (head: Dr. János Lukács, CSc, university professor)
	Manufacturing systems and processes (head: Dr. Zsolt Maros, PhD, associate professor)
	Assembly processes and systems (head: Dr. György Kovács, PhD, university professor)
	Structural integrity (head: Dr. János Lukács, CSc, university professor)

5. Appendix

Points obtainable from publications and professional presentations

Scientific publications	Credit points		
	Publications published abroad	Publications published in Hungary	
		in a foreign language	In Hungarian
In peer-reviewed journals	9	7	4
Scopus Q3, Q4 classification	15		
Scopus Q1, Q2 classification	30		
With IF (IF<1)	15		
With IF (IF≥1)	30		
Journal article in a journal with unknown peer review status	5	4	3
Conference article in conference proceedings	7	5	4
Conference article as part of a book	7	5	4
Conference article Scopus Q-rated publication	10		
Book as author	40	30	25
Book chapter	7	5	4
Edited book as editor	12	10	7
Forms of protection	12		9
Professional scientific presentation/poster in Hungarian	3		
Professional scientific presentation/poster in a foreign language	4		