ROSKA TAMÁS DOCTORAL SCHOOL OF SCIENCES AND TECHNOLOGY

OPERATING REGULATIONS, effective April 2026[1]

In addition to statutory provisions, these rules also take into account the guidelines set forth in the following documents:

· The Rules of Procedure of the MAB Doctoral Accreditation Board (Annex to Resolution No. 2024/7/XX adopted by the MAB Board at its meeting on December 13, 2024, as amended at the meeting of the Doctoral Accreditation Board on February 14, 2025);

· The ODT's recommendation adopted on December 6, 2024: "General Principles and Rules of the Comprehensive Examination";

· The ODT's proposal on quality assurance dated November 22, 2019: "Proposal for Formulating Quality Objectives and Indicators".

These regulations are in accordance with the PPKE University Doctoral Regulations (EDSZ), the Study and Examination Regulations (TVSZ), and their faculty-specific supplements applicable to PPKE-ITK.

1. § Basic information about the doctoral school:

Name of the university operating the doctoral school: Pázmány Péter Catholic University

Name of the doctoral school: ROSKA TAMÁS DOCTORAL SCHOOL OF SCIENCES AND TECHNOLOGY

Address of the doctoral school: 1083 Budapest, Práter utca 50/A

Year of establishment of the doctoral school: 2001

Year the doctoral program began: 2002

Location of the doctoral program: Budapest

Head of the doctoral school: Dr. Gábor Szederkényi, DSc, professor

Name, title, email address, and phone number of the contact person: Dr. Tivadar Vida, office manager

doktori.iroda@itk.ppke.hu and phd@itk.ppke.hu (+36-1) 886-4700

Languages of the doctoral program: Hungarian, English

Classification of the doctoral school by scientific field: engineering sciences

natural sciences

Disciplines of the doctoral school biological sciences, infomration science,

electrical engineering

Research focus areas of the doctoral school 1. Bionics

[1] This is a provisional translation; in case of dispute, the Hungarian text shall prevail

2. Physical and virtual cellular computers

3. Optical devices, nanoelectronic technologies

4. Human language technology

5. Vehicle on-board navigation systems

Research topics related to the focus areas 1. Neurobiology: brain-computer interfaces, theoretical and computational neuroscience

Bionic devices and models, bio-inspired wave computers, neuromorphic models

Computational biology: Quantitative cell and molecular biology, structural and synthetic biology, bioinformatics, systems biology

2. Computing based on kilo-processor chips and distributed architectures, high-performance computing, sensor and actuator analog computers, virtual cellular computers, neural networks, artificial intelligence

3. Feasibility of electronic and optical devices, molecular and nanotechnologies, nanoarchitectures,

quantum- and spin-wave-based computing, nanobionics diagnostic and therapeutic devices

4. Human language technologies, artificial cognition and telepresence, large language models

5. Research on in-vehicle navigation systems, sensor fusion, event detection, image analysis, and the development and application of state-of-the-art

in-vehicle sensors,

Name of the doctoral degree awarded: PhD

I. Core members, supervisors, and instructors of the doctoral school

2. § (1) A core member shall conduct mandatory and elective courses that fit within the doctoral school's program, as well as seminars preparing students for scientific work, as part of the doctoral school's organized training. They are required to evaluate these in the manner specified in the doctoral school's training plan.

(2) A faculty member must have a current doctoral thesis topic and, based on this, must responsibly guide and assist doctoral students working on the topic in their studies, research work, and preparation for obtaining their degree.

(3) The core faculty member's academic activities and the publication of their own research results (in academic journals, anthologies, monographs, and at domestic and international conferences) , the results of which, as published, shall be evaluated based on works listed in the Hungarian Scientific Works Repository (MTMT) database. The professional and scientific requirements for core members are set forth in Appendix 3.

Section 3 (1) The head of the doctoral school shall appoint one discipline coordinator from among the university faculty members active in the relevant discipline—specifically in the fields of biology,

computer science, and electrical engineering—who have at least two students who have successfully obtained a PhD degree from the doctoral school. The Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY approves the appointment of the discipline coordinators.

(2) Powers and duties of the discipline coordinator:

· Makes recommendations regarding the disciplinary classification of announced doctoral topics.

· Reviews and approves the semester work plans

and progress reports of doctoral students in their discipline.

· Monitors, through the progress reports, the disciplinary relevance of the results

and publications of doctoral students in their discipline.

4. § (1) The Multidisciplinary Doctoral and Habilitation Council for Engineering and Natural Sciences approves the doctoral supervisors of the doctoral school and their thesis proposals. In cases where it is professionally justified, dual (co-)supervision may be approved within the doctoral school. The conditions applicable to supervisors regarding the admission of new doctoral students with a supervisor are set forth in Appendix 4

(2) If a supervisor is unable to fulfill their supervisory duties for a period longer than one academic semester for any reason (illness, stay abroad, etc.), they are required to notify the Council, which shall propose a substitute supervisor.

(3) If the supervisor fails to fulfill their duties, following a determination by the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY—either at the initiative of the head of the doctoral school or at the request of the doctoral student—the head of the doctoral school shall propose a new supervisor, which shall be approved by the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY. In more serious cases, based on the decision of the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY, such a former supervisor may not undertake further supervisory duties at the doctoral school.

(4) The supervisor is required to continuously improve their scientific and professional competence, and

to set an example through their professional and scientific work.

(5) The supervisor(s) shall evaluate the doctoral students' academic progress in the subjects specified at the beginning of the given semester through a substantive assessment of the semester reports.

(6) For thesis proposals announced at the interdisciplinary boundaries of the scientific fields cultivated within the doctoral school, upon the initiative of the supervisors, there is an opportunity once during the course of study , based on a statement from the supervisor(s)—in the case of dual supervision, from both supervisors—the Doctoral School Council may consider and approve a change to the student's disciplinary classification as determined at the time of admission, in accordance with the terms of the statement. The supervisor's statement must include the supervisor(s)' position—briefly summarizing the student's research to date—regarding in which field of science (engineering or natural sciences) and in

which discipline (electrical engineering, computer science, or biology) the new scientific results can be classified. A change of discipline also requires the approval of the discipline coordinators.

(2) § (1) The Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY approves the faculty members of the doctoral school upon the recommendation of the head of the doctoral school.

(3) Faculty members are required to evaluate the courses and seminars they lead in accordance with the procedures set forth in the doctoral school's curriculum.

(4) Faculty members are required to continuously improve their scientific, professional, practical, and pedagogical competence, and to set an example through their teaching work.

(5) Core members and instructors of the doctoral school may also accept teaching assignments at other doctoral schools.

(6) The employment of the doctoral school's core members, thesis supervisors, and instructors must be terminated upon reaching the age of 70. Those Professors Emeritus who are engaged in active research may continue to fulfill their roles in the doctoral school as part-time instructors.

(7) The duties of instructors:

a) perform the teaching duties for the courses they teach;

b) fulfill administrative obligations related to the course for the doctoral school (submitting syllabi and reading lists electronically before the start of the semester; maintaining student attendance records; managing exam papers, performing teaching-related administrative tasks arising from the Neptun system as set forth in these regulations, etc.).

II. Organizational Structure of the Doctoral Program

Section 5 (1) The Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY operates to perform the tasks related to doctoral education and the doctoral degree conferral process, as defined in the relevant state regulations and the University's doctoral regulations.

(2) The Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY shall consist of at least ten and no more than seventeen members.

(3) The Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY shall include a student representative who is an active doctoral candidate enrolled in a doctoral program.

(4) Non-student members of the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY must hold a university professorship or a doctorate from the Hungarian Academy of Sciences (MTA).

(5) The term of office of members with voting and deliberative rights may be renewed multiple times. The term of office of members of the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY shall terminate:

a) upon the expiration of the term of office;

b) upon resignation and its acceptance;

c) upon termination of the employment relationship on which membership is based;

d) upon termination of the student status on which membership is based;

e) upon the death of the member.

(6) Members of the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY are bound by a duty of confidentiality regarding deliberations and votes conducted on specific matters.

6. § The Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY has the following responsibilities and authority:

a) matters related to the subjects of the theoretical part of the comprehensive examination (main and minor subjects of the theoretical part of the comprehensive examination, and their topics);

b) the announcement of topics for organized training;

c) the approval of thesis supervisors, with particular regard to the requirement that a thesis supervisor must be a person who, after obtaining a doctoral degree, can demonstrate achievements at least equal to those achieved prior to obtaining the doctoral degree;

d) approval of the work plan and progress report of doctoral students participating in the organized program; the work plan and progress report shall include the research and study plan and report, and the work plans and progress reports produced during each semester shall constitute the students' individual curriculum;

e) approval of work plan amendment requests submitted by doctoral students participating in organized training;

f) decision on modifying the classification by discipline of research topics announced at the boundaries of the scientific fields cultivated within the doctoral school;

g) decision on the acceptance of applications for the comprehensive examination;

h) evaluation of credit transfer requests;

h) review of credit transfer requests;

i) allocation and use of grants within the doctoral school that fall within its jurisdiction.

7. § (1) The Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY shall meet as necessary, but at least once every semester.

(2) Minutes shall be taken of the meetings of the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY, which shall be made available to the faculty and students of the doctoral school no later than five business days after the meeting and shall be filed in the doctoral school's archives.

(3) Materials required for agenda items requiring a decision at meetings of the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY must be made available to members at least two working days before the meeting, which may be done electronically. The date of the meetings, together with the agenda, must be communicated to the members at least five working days before the meeting.

(4) The documents, certificates, and attestations required by the University's doctoral regulations for matters requiring a decision by the Multidisciplinary Doctoral and Habilitation Council in the fields of Engineering and Natural Sciences must be submitted in one printed copy—and, if possible, in electronic form as well—to the secretary of the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY at least seven working days prior to the meeting, accompanied by a request for a decision addressed to the chair of the Multidisciplinary Doctoral and Habilitation Council requesting a decision.

(5) In justified cases, the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY may also make a decision electronically (via email), upon the recommendation of the Chair or Vice Chair of the Multidisciplinary Doctoral Council for Engineering and Natural Sciences.

8. § The duties of the Council of the Roska Tamás Doctoral School of Sciences and Technology performed by the Multidisciplinary Doctoral Council for Scineces and Technology.

9. § The head of the doctoral school shall have the authority to decide on:

a) granting permission for deferred course registration or course withdrawal;

b) granting permission for deferred enrollment/registration, provided that enrollment or registration as an active student for the first semester is not possible after October 15, and for the second semester after March 15.

10. § (1) The secretary is a person who assists the head of the doctoral school in their work.

(2) The secretary's duties are:

a) to maintain contact with faculty and researchers;

b) coordinates teaching and the work of the Multidisciplinary Doctoral and Habilitation Council for Sciences and Technology;

c) performs administrative tasks related to the operation of the doctoral school.

III. Admission to the Doctoral Program

11. § (1) The University Doctoral and Habilitation Council, upon the recommendation of the head of the doctoral school—which is submitted for approval to the University Doctoral and Habilitation Council by the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY— shall establish an admissions committee consisting of at least three members to conduct the admissions process for the doctoral program.

(2) Members of the admissions committee may be full members and emeritus full members of the doctoral school.

(3) The majority of the members of the admissions committee shall be university professors; members who are not university professors shall hold a habilitation or a doctorate from the Hungarian Academy of Sciences.

(4) At least one member from each of the doctoral school's disciplines shall be represented on the admissions committee.

(5) The duties of the doctoral school's admissions committee are as follows:

a) to make recommendations regarding the publication of the call for applications for the doctoral program;

b) receives and evaluates applications for admission and, if necessary,

requests that applicants submit missing documents;

c) conducts oral interviews with applicants;

d) ranks the applicants and makes recommendations regarding their admission.

12. § (1) Admission to the doctoral program is granted through an admission procedure.

(2) The doctoral school organizes an admission procedure twice a year. Applications may be submitted to the Doctoral and Habilitation Office by May 31 and November 30 of each year. As part of the written application, the applicant must submit a brief, 1–3-page document outlining their achievements to date, their proposed research topic, their plans, and a brief statement from their mentor (a former instructor or the proposed academic supervisor).

(3) The oral admission procedure is generally held in early July or during the second week of January; the applicant must be notified of the decision by August 1 and February 20, respectively.

(4) Admission requirements for the doctoral program:

a) a master's degree with a grade of at least *good* or *cum laude*;

b) a B2-level comprehensive English language exam or an equivalent state-recognized

language exam;

c) sufficient professional knowledge in the chosen field;

d) a score of at least 80 points in the admission process;

e) preference is given to initial documented academic/professional achievements (e.g., TDK thesis, publication).

(5) During the admission process, the admissions committee evaluates applicants' results based on the following four criteria, with a maximum of 100 points available:

a) Diploma and final exam (maximum points available: 40 points):

1. MSc level Diploma: Good – 25 points, Excellent – 30 points,

2. Final exam: 5 points for grades between 4.0 and 4.5, 10 points for grades above that.

b) Language proficiency (maximum 10 points): A B2-level comprehensive English language exam or a state-recognized language exam equivalent to it: 5 points; a C1-level comprehensive English language exam or a state-recognized language exam equivalent to it: 10 points.

c) A maximum of 20 points can be earned for initial research activity. This includes TDK placements (top three national placements: max. 20 points; top three faculty placements: max. 15 points), journal articles (peer-reviewed foreign journal articles: max. 20 points), conference proceedings, and any patents.

d) Researcher's mindset and objectives (maximum 30 points) In this context, knowledge of the major publications in the field, the ability to articulate an unsolved problem, and an understanding of how to distinguish between research and development tasks form the basis for the interview and the determination of the score.

(6) The admissions committee establishes a ranking based on the scores. The Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY decides on admission, as well as the form and extent of funding, after weighing financial considerations.

(7) Applicants for state-funded and self-funded programs participate in the admission process under the same requirements and conditions.

(8) The applicant must be notified of the admission decision within eight days. The admission decision must specify the conditions for participation in the program, and admitted doctoral students must be informed of the location and date, and other requirements necessary for enrollment.

(9) The University shall make the data of admitted doctoral students available to the National Association of Doctoral Students, provided that the individuals concerned have consented to this in their declaration on the application form.

IV. Fulfillment of Academic Obligations and the Degree Award Process

Section 12 (1) The doctoral student conducts individual research under the supervision of the supervisor. The students' individual study plans are contained in the semester work plans and reports. Students are required to submit these by the deadline throughout the entire doctoral program. Before submission, the semester work plans and reports must be signed by the student, the supervisor, the supervisor (if any), and the relevant disciplinary coordinator or the director of the doctoral school.

(2) At the end of each semester, the supervisor evaluates the students' academic and research performance using a five-point grading scale and provides a written assessment. In addition to the doctoral student, the head of the doctoral school also receives the written evaluation. The textual portion of the evaluation—if the head of the doctoral school deems it appropriate — is also recorded in the Neptun system. The supervisor's evaluation of the semester-long research may serve as a basis for the head of the doctoral school to take further action, e.g., to initiate a decision by the Multidisciplinary

Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY. The supervisor must justify in writing, with appropriate detail, high praise and a failing grade. The first failing grade is equivalent to a written warning for the student. After two failing semester evaluations, the student may be dismissed from the doctoral program (see Section 15(1)).

13. § (1) In the event of a doctoral student's failure to meet their academic progress requirements, they may be dismissed from the doctoral program, with particular regard to the following cases:

a) in the event of a failing grade for study abroad periods that are permitted with the supervisor's support and at the student's request and that count toward the studies,

b) failure to submit the semester work plan approved by the supervisor by the specified extended deadline, despite a warning from the Doctoral Office, and

c) if the supervisor issues a statement for the second time giving a negative evaluation of the doctoral student's academic progress, in which the supervisor also declares their withdrawal from supervising the student.

In the cases listed above, the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY shall decide on the dismissal.

(2) A student who has been dismissed with final effect is required to settle accounts for any university-owned tangible assets in their permanent possession immediately following the termination of their student status. In the event of failure to settle accounts, the relevant provisions of the Civil Code shall apply.

Section 14 (1) A doctoral student may participate in a study abroad program, as defined below, even while maintaining active student status, based on a work plan approved by the doctoral supervisor that ensures the integration of the given study period into the doctoral program.

(2) Based on a request from the doctoral student—supported by the supervisor—the student may participate in a study abroad program that can be credited toward their studies later, even while maintaining passive student status.

(3) As a condition for counting the period of study abroad toward the duration of the doctoral program, the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY may require the fulfillment of additional requirements.

(4) Doctoral courses completed at other doctoral schools —including those at foreign universities—may be counted toward the program's academic credits based on a work plan approved by the Multidisciplinary Doctoral and Habilitation Council in Engineering and Natural Sciences, upon the supervisor's recommendation. The number of credits to be awarded is determined by the program's curriculum. The Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY shall decide on the acceptance of the completion.

15. § (1) The training and research period is based on the completion of courses, active participation in a series of research seminars, and teaching activities.

(2) The educational activities of doctoral students and the credit points awarded for them are governed by the Training Plan. Remuneration for educational activities is governed by the institutional and faculty regulations of PPKE, as well as related administrative directives.

(3) During their studies, students may request a rescheduling of a course once

by submitting a written request by the last day of the regular study period of the semester preceding the affected semester.

(4) In the doctoral program, credit points may be awarded for:

a) participation in classroom-based instruction (attendance at contact hours, preparation for exams and assignments, supervised independent study, completion of assessments);

b) for progress in scientific research, for the publication of research results in a major international forum, and for patents;

c) for teaching activities, which include the mentoring of foreign doctoral students arriving under the Stipendium Hungaricum scholarship program.

16. § (1) In doctoral studies, an examination is considered passed if the student receives a grade higher than “unsatisfactory” or at least “pass.”

(2) A student may retake a failed examination only once during the same academic semester.

(3) The annual report of students participating in the organized program consists of a written and an oral part. No exemption may be granted from the requirement to complete the written part. The report must be approved by the supervisor prior to submission.

(4) The oral portion of the doctoral students’ annual report takes place within the framework of a publicly announced student mini-conference (‘PhD Proceedings’ conference), to which all faculty members and students of the doctoral school, as well as representatives of other doctoral schools operating in the same discipline, are invited. The oral portion of the doctoral students’ annual report is open to the public. The head of the doctoral school may grant an exemption from the obligation to present an oral annual report in justified cases (illness, stay abroad, etc.).

(5) The doctoral student shall prepare the certificate of completion of academic requirements (absolutorium) – with the consent of their supervisor – by listing the completed tasks/courses and their academic credits, and it is approved by the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY. The certificate of completion is then issued by the Doctoral and Habilitation Office of the Faculty of Information Technology and Bionics at PPKE following a positive recommendation from the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY.

17. § (1) The comprehensive examination includes, in part, an assessment of the theoretical knowledge acquired and, in part, a review of research results: the evaluation of the preliminary work on the dissertation, the student’s scientific achievements, and their publication activity. In the first part of the comprehensive examination, the student demonstrates the knowledge acquired in the selected major

and minor subjects within their field of study. In the second part of the comprehensive examination, the student demonstrates the fulfillment of their academic and educational obligations for the first two years, their publication activities, and reports on the preliminary work for their dissertation.

(2) Doctoral students participating in the organized program may request, in the fourth semester, that the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY approve the theoretical subjects of the comprehensive examination and appoint the examination committee.

(3) A prerequisite for applying to the comprehensive examination, and the minimum language proficiency requirement for obtaining a doctoral degree, is a state-recognized language examination in English at least at the B2 level, which must be verified by a certificate or an equivalent document.

(4) A doctoral student may retake a failed comprehensive exam once, during the same exam period.

18. § (1) The research and dissertation phase consists of supervised research activities and preparations for publication. Students must regularly report on the progress of their dissertation through written and oral reports.

(2) The minimum publication requirements for obtaining a doctoral degree are set forth in Appendix 1. Fulfillment of the minimum publication requirements is one of the necessary conditions for initiating the evaluation process.

Section 19 (1) Applicants applying for the comprehensive examination and the doctoral degree without prior doctoral training (self-prepared applicants) may submit their application to the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY, along with the required attachments. Prior to accepting the application, the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY shall review the applicant's expertise in the field, as well as compliance with the minimum publication and language proficiency requirements for the degree; and if these are not met, the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY will not approve the application.

(2) For applicants preparing individually, the minimum publication requirements must be met within the last 10 years prior to the submission of the application.

(3) The comprehensive examination for applicants preparing individually must also be organized in accordance with the general requirements and rules.

Section 20 (1) The workplace defense (internal defense) of the doctoral dissertation to be submitted must be held at the research site or within the framework of the doctoral school. The workplace defense is not yet part of the evaluation process.

(2) Minutes of the in-house defense shall be prepared, including an attendance sheet. The attendance sheet shall list the participants' names, places of employment, and academic degrees.

(3) The doctoral school council shall invite two reviewers (opponents) holding academic degrees to the in-house defense. The written opinions of the opponents must be attached to the minutes.

(4) The chair of the internal defense is a professor, professor emeritus, or a faculty member holding a doctoral degree from the Hungarian Academy of Sciences (MTA) at the doctoral school.

(5) If, during the internal defense, the majority of participants holding a PhD degree do not support the submission of the dissertation, the review process cannot begin, and the internal defense must be repeated after a waiting period of at least two months. Without successful completion of the internal defense, the dissertation cannot be submitted for review.

(6) All faculty members, students, and degree holders of the doctoral school shall receive an invitation to the internal defense.

Section 21 (1) The minimum publication requirements for degree conferral (Appendix 1) shall be verified by the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY at the time of submission of the dissertation. If the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY

Habilitation Council, the dissertation may not be accepted for review.

(2) Upon submission of the publications, the doctoral candidate must attach a co-author statement(s) in the format specified in Appendix 2, as described in the minimum publication requirements (Appendix 1).

22. § (1) The following persons may not participate in the public defense review committee (are excluded): any person who is in a supervisory or familial relationship with the doctoral candidate submitting the dissertation, or from whom an objective assessment of the matter cannot be expected for other reasons, in particular:

a) the doctoral candidate's supervisor;

b) a relative or former spouse (partner, fiancé) of the doctoral candidate;

c) the doctoral candidate's research group leader or immediate supervisor and subordinate.

(2) The chair of the Multidisciplinary Doctoral and Habilitation Council for SCIENCES AND TECHNOLOGY shall decide on the exclusion without delay upon notification by the doctoral student or the person concerned, or upon becoming aware of the matter through other means.

(3) All faculty members, students, and graduates of the doctoral school shall be invited to the public defense.

Section 23 (1) The University Doctoral and Habilitation Council shall decide on the conferral of the doctoral degree (see PPKE University Doctoral Regulations Section 19(6)).

The Multidisciplinary Doctoral and Habilitation Council's recommendation

regarding the classification of the doctoral degree, based on the percentage result of the public defense:

a) 90% and above – *summa cum laude*;

b) less than 90% but at least 75% – *cum laude*;

c) less than 75% but at least 60% – *rite*.

24. § (1) To have a doctoral degree obtained abroad recognized, the applicant must meet the minimum publication requirements associated with the degree (Appendix 1). In the absence of these, the recognition procedure cannot be initiated.

(2) When applying for the recognition of doctoral degrees obtained abroad, full-time faculty members or researchers employed by the Faculty of Information Technology and Bionics may be exempted from paying the processing fee.

25. § Student services at the doctoral school are suspended between August 1 and 20.

PPKE RTMTDI

Operating Regulations

Appendix 1

Minimum Publication Requirements for Obtaining a PhD at the

PPKE Roska Tamás Doctoral School of Sciences and Technology

February 9, 2026

The minimum requirements for submitting a dissertation and obtaining a PhD degree are as follows

(all points must be met):

The doctoral candidate

(1) must have at least three peer-reviewed publications listed in the MTMT or at least two articles published in Scimago (https://www.scimagojr.com/) SJR Q1-rated journals, which were published within the 10 years prior to the submission of the dissertation;

(2) have at least one peer-reviewed publication as first or corresponding author;

(3) have at least two publications in English;

(4) have at least two peer-reviewed journal articles in journals with a Scimago SJR Q1–Q4 rating. Furthermore, the journals must be listed in the Web of Science (WoS) or Scopus database. In lieu of up to one journal article, the following may be accepted:

(a) a full-text conference paper published in the proceedings of a conference listed in the CORE conference database (http://portal.core.edu.au/conf-ranks/) A full-text conference paper published in the proceedings of a conference rated A or A*, or

(b) an accepted

patent, or a submitted patent with a positive novelty search;

(5) At least one journal article with a WoS impact factor must be included among the publications.

When assessing compliance with the minimum requirements for degree conferral, only publications or patents assigned to a thesis point may be considered (though there may be thesis points for which no published or accepted-for-publication work exists at the time of submission). Publications listed in the MTMT with incomplete data cannot be considered. The classification of publication types (journal article, conference paper, peer-reviewed status, etc.) and the determination of the existence of an impact factor are based on the current data in the MTMT. Only publications that have appeared in a journal or conference relevant to a discipline taught by the doctoral school may be counted toward the minimum requirements.

According to the information available at the time of submission (https://kanalregister.hkdir.no/publiseringskanaler/Forside.action?request_locale=en), publications appearing in journals

with a scientific level of 0 or marked with an ‘X’ (under review) according to the information available at the time of submission cannot be counted toward the minimum requirements.

To verify compliance with the minimum requirements, the MTMT links for the publications and their final electronic (PDF) versions must be submitted to the Doctoral Office. If the dissertation submission deadline makes it absolutely necessary, it is sufficient to attach an editorial letter confirming final acceptance in addition to the final text of the article. For SJR and CORE ratings, the information available at the time of publication submission must be taken into account. The doctoral candidate must obtain and attach a co-author statement from the co-authors of the publications used to support the thesis (excluding the supervisor).

These publication requirements apply to doctoral students who begin their studies after September 1, 2024. Doctoral students who begin their studies between September 1, 2020, and August 31, 2024, may opt into the above publication requirements by submitting a voluntary declaration.

PPKE RTMTDI

Operating Regulations

Appendix 2

CO-AUTHOR DECLARATION

I, the undersigned.....

(co-author) hereby consent to the use of the results presented in the publications listed below by

…….. *(doctoral student, doctoral candidate)* * in the application submitted to the Roska Tamás Doctoral School of Sciences and Technology at Pázmány Péter Catholic University

"…….. ……" submitted to the ROSKA TAMÁS DOCTORAL SCHOOL OF SCIENCES AND TECHNOLOGY at Pázmány Péter Catholic University. I declare that I have not used, nor do I intend to use, the scientific results contained in the thesis points of the PhD dissertation mentioned in this statement to obtain a PhD degree at Pázmány Péter Catholic University or at the doctoral school of any other university.

*Please select and underline the appropriate section!

<list of joint announcements and MTMT data>

Date: ……..

…….. (signature)

PPKE RTMTDI

Operating Regulations

Appendix 3

Requirements for Regular Members at the PPKE Roska Tamás Doctoral School of Sciences and Technology (RTMTDI)

In addition to the relevant provisions of Government Decree No. 387/2012 (XII. 19.) and the University Doctoral Regulations, all core members must meet the following conditions:

• Hold a habilitation or a Doctor of the Hungarian Academy of Sciences (MTA) degree in a field of science relevant to the RTMTDI. If the habilitation was obtained at another institution, it must meet the RTMTDI's habilitation requirements.

• Have supervised at least two doctoral students who have successfully obtained their degrees in a field relevant to RTMTDI. Doctoral students who obtained their degrees under co-supervision shall be counted with a multiplier of 0.5.

• Have a total of at least 5 peer-reviewed full-text publications (journal article, book chapter, or conference paper of at least 4 pages). At least 4 of these must be in English, and at least one must be a journal article classified as SJR Q1 or Q2.

PPKE RTMTDI

Operating Regulations

Appendix 4

Requirements for Supervisors and Co-Supervisors

at the PPKE Roska Tamás Doctoral School of Sciences and Technology

The following conditions must be met when announcing a new doctoral topic and admitting new doctoral students. To receive support from the MMTDHT for supervision or co-supervision, all listed conditions must be fulfilled.

Conditions for Supervisors

The supervisor

(1) must hold a PhD in a discipline relevant to the RTMTDI's research area,

(2) must have at least 2 years of teaching and research experience since obtaining their PhD,

(3) must be a full-time employee of PPKE or an employee of an institution with a cooperation agreement with PPKE,

(4) supervise no more than 4 active doctoral students (co-supervised students count as 0.5 each)[1],

(5) have met at least twice the minimum publication requirements for the RTMTDI PhD degree throughout their professional career to date (articles where the applicant is the last author may be counted in addition to those where the applicant is the first or corresponding author),

(6) meet the minimum publication requirements for the RTMTDI degree during the last five completed years and the current year (articles where the candidate is the last author may be counted instead of those where the candidate is the first or corresponding author)[2],

(7) be the (co-)supervisor of at least one doctoral student who has successfully obtained a PhD degree, or the sole supervisor of at least two successfully defended MSc theses or presented TDK papers.

Requirements for co-supervisors

The co-supervisor

(1) hold a PhD in a discipline relevant to the RTMTDI research area,

(2) have at least 2 years of teaching and research experience since obtaining their PhD,

(3) be the supervisor of no more than 4 active doctoral students (co-supervisors are counted with a multiplier of 0.5),

(4) have a total of at least 5 peer-reviewed full-text publications in English during the last 5 years and the current year, at least one of which must be a journal article with an SJR Q1–Q4 ranking[2],

(5) have served as (co-)supervisor to at least one doctoral student who has successfully earned a PhD, or as sole supervisor to at least one successfully defended BSc thesis, MSc thesis, or TDK presentation.

[1] The MMTDHT may grant an exemption from this requirement based on a prior request from the prospective supervisor, provided it is accompanied by an appropriate justification.

[2] In the case of a career break deemed worthy of consideration (e.g., having children), the 5-year period may be extended by the duration of the documented break.

[1] 2026. Provisional translation; in case of dispute, the Hungarian text shall prevail