ROSKA TAMÁS DOCTORAL SCHOOL OF SCIENCES AND TECHNOLOGY

ORGANIZATIONAL AND OPERATIONAL RULES (PROVISIONAL TRANSLATION)

In addition to the provisions of relevant legislation, the present Rules also take into account the directives of the following documents:

- The Hungarian Accreditation Committee's accreditation assessment factors, self-assessment criteria (2019/6/VIII/1), and rules of procedure (2019/7/IX/1);
- The recommendation of the president of the Hungarian Doctoral Council (HDC) of April 19, 2013 entitled "The review and amendment of doctoral and habilitation regulations on the basis of Government Decree 387/2012 of December 19 on doctoral schools, the doctoral degree procedure, and habilitation";
- The HDC's recommendation adopted at its session of February 12, 2016 and amended at its session of April 15, 2016 entitled "The general principles and rules of complex examinations";
- The HDC's recommendation of November 22, 2019 for quality assurance entitled "Proposal for quality objectives and indicators".

The present Rules are in harmony with the PPCU's University Doctoral Regulations (UDR), the Education and Exam Policy, and the faculty provisions applicable to the PPCU Faculty of Information Technology and Bionics.

Section 1 The Doctoral School's basic information:

The name of the University operating the Doctoral School	Pázmány Péter Catholic University
The name of the Doctoral School	Roska Tamás Doctoral School of Sciences and Technology
The address of the Doctoral School	1083 Budapest, Práter utca 50/a
The year the Doctoral School was established	2001
First year of doctoral programs	2002
The location of the doctoral program	Budapest
The Head of the Doctoral School	Dr. Gábor Szederkényi DSc
Contact person name, position, email address, and phone number	Tivadarné Vida PhD, head of the Doctoral Office doktori.iroda@itk.ppke.hu and phd@itk.ppke.hu (+36-1) 886-4700
The languages of doctoral programs	Hungarian, English
The classification of the Doctoral School's discipline	engineering natural sciences
The Doctoral School's fields	biological sciences information science electrical engineering
Names of doctoral programs	1. Bionics 2. Physical and virtual cellular machines 3. Optical devices, nanoelectronics technologies 4. Human language technology 5. Vehicle on-board navigation systems
as part of the above: research	1. Bionics, bio-inspired wave computers, neuromorphic models 2. Computer technology based on kilocore processor chips; sensory and motoric analog computers; virtual cellular computers 3. Feasibility of electronic and optical devices; molecular and nanotechnologies; nano-architectures; nano-bionic diagnostic and therapeutic tools 4. Human language technologies, artificial understanding and telecommunication 5. Study of vehicle on-board navigation systems
The title of the conferred doctoral degree	PhD

Section 2 (1) As part of the program organized by the Doctoral School, the core member holds required and optional subjects that conform to the Doctoral School's program, as well as seminars preparing students for scientific work. The core member shall perform evaluations in connection with the above in the manner specified in the Doctoral School's training scheme.
(2) The core member shall have current proposals for doctoral research topics, based on which (s)he shall responsibly manage and provide assistance to the doctoral student working on such research topic, including in preparing for the award of the doctoral degree.
(3) The core member shall also conduct ongoing scientific activities and regularly publish the results of his/her research (in scientific publications, journals, independent volumes, and at conferences held in Hungary and abroad). This publication activity shall be checked on the basis of the publications in the Database of Hungarian Scholarly Works.
Section 3 (1) The Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall decide on the doctoral school's supervisors and the proposals for research topics.
(2) Should the supervisor be unable to perform his/her duties for any reason (sickness, trips abroad, etc.) for a period exceeding a semester, (s)he is obligated to inform the Council, which shall provide a substitute supervisor.
(3) If the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology finds that the supervisor has failed to fulfil his/her duties, the Head of the Doctoral School shall, either at his/her own initiative or at the request of the doctoral student, appoint a new supervisor, subject to the approval of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology. In serious cases, the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology may decide that such former supervisor may no longer fill the role of supervisor at the Doctoral School.
(4) The supervisor shall continuously increase his/her scientific and professional knowledge and set an example with his/her professional and scientific work.
(5) Supervisors shall assess the progress made by doctoral students based on the subjects defined at the start of the given semester, as well as their scientific progress, by evaluating the semester reports.
(6) In the case of proposals for research topics announced for sciences bordering those dealt with by the Doctoral School, there is a possibility for the Doctoral School Council to consider and permit, on one occasion during the program and at the initiation of the supervisor, a change in the discipline classification defined at the time of the student's admission. Such change shall be based on the supervisor's statement issued by the supervisor (or, in case of two supervisors, by both supervisors). The statement shall include a brief presentation of the student's research work thus far and the supervisor's (or supervisors') statements on the disciplines (technical or natural sciences) and fields (electrical engineering, information technology, or biology) in which the student's dissertation theses under preparation can be considered to provide new scientific achievements. A compulsory prerequisite when reclassifying the student's research into another field is that the student have a master's degree classified as multidisciplinary. The Doctoral School Council shall have scope and competence to determine whether the compulsory prerequisite is met.
Section 4 (1) The Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall decide on the Doctoral School's teachers at the recommendation of the Head of the Doctoral School. The Dean of the Faculty of Information Technology and Bionics shall decide on establishing employment and contractual relationships.
(2) Teachers shall perform evaluations of the courses and seminars they hold, in the manner specified in the Doctoral School's training scheme.
(3) The teacher shall continuously increase his/her scientific, professional, practical, and pedagogical knowledge and set an example with his/her teaching work.

(4) The Doctoral School's core members and teachers may undertake teaching positions in other doctoral schools.
(5) The employment of Doctoral School core members, supervisors, and teachers shall be terminated upon their turning 70 years of age. Professors emeritus performing active research work may continue to fill their positions at the Doctoral School as guest lecturers.
(6) Tasks of teachers:

a) perform the teaching tasks in connection with the subjects they have registered;
b) fulfil the administrative obligations to the Doctoral School in connection with the subject (submitting topics and literature in electronic format prior to the start of the semester; keeping student attendance sheets; managing exam forms; administrative tasks related to the NEPTUN system regarding teaching, etc.).

Section 5 (1) A Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology has been set up to perform the tasks related to doctoral training and the doctoral procedure as specified by the applicable state requirements and the University's doctoral regulations.
(2) The Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall have at least ten and no more than seventeen members.
(3) An active doctoral student participating in a doctoral program shall be a member of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology as a student representative.
(4) The non-student members of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall be university professors or Doctors of the Hungarian Academy of Sciences.
(5) The appointment of members with voting rights and the right to participate in an advisory capacity may be extended. The appointment of the members of the Doctoral and Habilitation Council of Sciences and Technology shall be terminated:

a) at the expiration of the appointment;
b) upon resignation and acceptance thereof;
c) upon termination of the employment relationship on which the membership is based;
d) upon termination of the student status on which the membership is based;
e) upon the death of the member.

(6) The members of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall bear the obligation of confidentiality in regard to the discussions and votes regarding the various issues.
Section 6 The scope and competence of the Doctoral and Habilitation Council of Sciences and Technology:

a) issues regarding the subjects included in the theoretical part of the complex examination (the main and the subsidiary subject included in the theoretical part of the complex examination and their topics);
b) announcement of the topics of organized training;
c) approval of supervisors, with especial attention to the condition that the supervisor has to have achieved results since having obtained the doctoral degree that are at least equal to the results achieved prior to having been awarded the doctoral degree;
d) approval of the work plan and report of doctoral students participating in organized training (the work plan and report shall include the research and study plan and report, with the compilation of the work plans and reports drawn up over the course of the semesters making up the students' individual curricula);
e) approval of the requests for work plan amendments submitted by doctoral students in organized training;

f) decisions on amendments to the discipline classifications of proposals for research topics announced for sciences bordering those dealt with by the Doctoral School;
g) decision on approving applications for complex examinations;
h) deciding on applications for credit transfers;
i) allocation and utilization of supports for which the Doctoral School has competence, within the School.

Section 7 (1) The Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall hold sessions as necessary, but at least once every six months.

(2) Minutes shall be drawn up on Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology meetings, which shall be available to the Doctoral School's teachers and students no more than five workdays following the meeting and shall be stored in the Doctoral School's archives.

(3) The materials necessary for the agenda points to be decided on at the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology's meetings shall be made accessible to members at least two workdays prior to the meeting; this may take place electronically. The members shall be informed of the time of the meeting at least five workdays prior to the respective meeting.

(4) The documents, certificates, and certifications required by the University Doctoral Regulations for issues requiring the decision of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall be submitted in one hard copy (and, as far as possible, electronically as well) to the Secretary of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology at least seven workdays before the meeting, together with a request addressed to the Chairman of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology requesting that a decision be made.

(5) In justified cases, the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology may make decisions via electronic means (by email), at the recommendation of its Chair or Deputy Chair.

Section 8 The Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall perform the tasks of the Council of the Roska Tamás Doctoral School of Sciences and Technology.

Section 9 The Head of the Doctoral School has competence to make decisions regarding:

a) permitting deferred subject registration and subject cancellation;
b) deferred enrollment/registration, with the condition that it is not possible to enroll or register as an active student after October 15 for the first semester and March 15 for the second semester.

Section 10 (1) The secretary shall assist the work of the Head of the Doctoral School.

(2) Tasks of the secretary:

a) provides contact with teachers and researchers;
b) coordinates teaching and the work of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology;
c) performs the administrative tasks in connection with the operations of the Doctoral School.

Section 11 (1) At the recommendation of the Head of the Doctoral School submitted by the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology to the University Doctoral and Habilitation Council for approval, the University Doctoral and Habilitation Council shall establish an Admissions Committee consisting of at least 3 persons to hold the admission procedure for the doctoral program.

(2) The core members and Emeritus core members of the Doctoral School may be members of the Admissions Committee.

(3) The majority of the Admissions Committee shall be university professors; non-university professor members shall have titles of habilitation or shall be Doctors of the Hungarian Academy of Sciences.
(4) At least one person in the Admissions Committee shall represent each of the Doctoral School's disciplines.
(5) The tasks of the Doctoral School Admissions Committee:

a) makes recommendations for publishing the call for admission to doctoral programs;
b) receives and evaluates admission applications and, if necessary, issues requests for missing information;
c) hears applicants;
d) ranks applicants and makes recommendation for their admission.

Section 12 (1) Admission to doctoral programs is possible on the basis of an admissions procedure.
(2) The Doctoral School holds admission procedures twice a year. Applications for the admission procedure may be submitted every year by May 31 and November 30 at the Doctoral and Habilitation Office. As part of the written application, the applicant shall provide a brief (1-3 page) description of results achieved, topics planned, plans, and the brief opinion of the student's mentor (former teacher or the planned supervisor).
(3) The oral admission procedure is held in the beginning of July or the 3rd week of January, respectively, and the decision is communicated to the applicant by August 1 or February 20.
(4) The conditions for admission to doctoral programs:

a) a Master's degree with a grade of at least *good* or classified as *cum laude*;
b) a B2 complex language exam in the English language necessary for research in the selected topic, or an equivalent state-accredited language exam;
c) adequate technical proficiency in the selected subject field;
d) at least 80 points in the admission procedure;
e) certified scientific/professional achievements (e.g. TDK [National Conference for Student Researchers] paper, publications) are given preference.

(5) In the course of the admission procedure, the Admissions Committee scores the applicants' results according to the following four categories, the maximum of which yields 100 points:

a) Degree and final examination (maximum points available: 40 points):
    1. Degree: good: 25 points; excellent: 30 points,
    2. Final examination: between 4.0 and 4.5: 5 points; higher than 4.5: 10 points.
b) Language skills (maximum of 10 points): A B2 complex language exam (or a state-accredited equivalent language exam) is required in English; 10 points for C1 complex language exam in English (and state-accredited equivalent language exam), with the condition that points may be awarded only once per language.
c) A maximum of 20 points can be awarded for primary scientific activities. This includes TDK [National Conference for Student Researchers] awards (a maximum of 20 points for the top three places in the country and a maximum of 15 points for the top three places in the faculty), published articles (a maximum of 20 points for a peer-reviewed foreign journal), conference publications, and any patents.
d) Research inclinations and targets (maximum 30 points). The discussion and scoring is based on familiarity with the important publications in the topic, the elaboration of unsolved problems, and knowledge of the separation of research and development tasks.

(6) Based on the scores, the Admissions Committee shall set up a ranking. The Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall decide on admission and the forms and amounts of financing by taking the availability of finances into account.

(7) At the recommendation of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology, the Faculty of Information Technology and Bionics will conclude a student employment contract with a student who is not awarded a state scholarship.
(8) The admission procedure to the Stipendium Hungaricum Scholarship Program and the Scholarship Programme for Christian Young People may also be conducted via telephone interview (e.g. Skype).
(9) Applicants to programs with state scholarships and to self-funding programs participate in the admissions procedure with the same requirements and conditions.
(10) Applicants shall be notified of the admission decision within eight days. In the decision on admission, admitted doctoral students shall be informed of the conditions for participation in the program, the time and place of enrolment, and all other conditions that have to be met for admission.
(11) The University shall disclose the data of admitted doctoral students to the National Association of Doctoral Students, if the given student has granted his/her consent on the application form.
Section 13 (1) At the recommendation of the supervisor, study (academic) credit points may be awarded for doctoral subjects completed at other doctoral schools (also including foreign universities), on the basis of the student's work plan as approved by the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology. This Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall decide on accepting such performance.
(2) The individual curricula for students are included in the work plans and reports for the semester. Students shall submit the work plans and reports for the semester both electronically and in hard copy format, the latter of which shall be signed by the student, supervisor, advisor, and the head of the program. This obligation shall persist throughout the period of the doctoral program.
Section 14 (1) The doctoral student may be dismissed for failing to comply with the obligation of academic advancement, especially if

a) the student receives a negative assessment for any study trips abroad during a passive semester implemented with the support of the supervisor and permitted at the student's request and included in studies, or
b) the student fails to submit the semester work plan and progress report with the approval of the supervisor by the given deadline, despite a warning from the Doctoral Office, and
c) the supervisor issues a statement including a negative assessment of the student's academic advancement and rescinding the position of supervisor.

The Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall decide on the dismissal of the student in the cases listed above and in the cases referred to in paragraph (4) of Article 16.
(2) After the termination of their student status, students who have been dismissed with a final decision are obligated to provide prompt settlement for the tangible assets owned by the University and in the student's possession. The applicable provisions of the Civil Code shall apply in case of failure to provide such settlement.
Section 15 (1) As set out below, the doctoral student may take courses abroad while maintaining an active student status, on the basis of a schedule approved by the doctoral supervisor that allows the student's given study period to be harmonized with the doctoral program.
(2) Based on the doctoral student's application (supported by the supervisor), the student may also take courses abroad that will be included in the student's studies while on a passive semester.

(3) The Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology may set supplementary requirements as a condition for accepting courses taken abroad as part of the doctoral program.

Section 16 (1) The study and exam order is generally built on 2 subjects and research seminar series each semester (worth 5 credits each), as well as 4 hours of teaching every week (worth 5 credits).

(2) On one occasion during the course of his/her studies, the student may request that the fulfilment of the teaching subject be rescheduled, by submitting a written application by the last day of the semester prior to the semester in question.

(3) The doctoral student shall perform the individual research work (15 credit points) under the supervisor's direction. Every semester, the supervisor shall provide a written assessment of the doctoral student's research activities. The written assessment can be provided electronically. The doctoral student and the head of the Doctoral School shall receive copies of this assessment. The head of the Doctoral School shall base any other evaluations (e.g. the initiation of Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology decisions) on the supervisor's assessment of the research work conducted in the semester. The supervisor shall provide a hard copy or electronic written substantiation of any exceptional acknowledgement or negative assessment. A negative assessment is equivalent to a written warning having been issued to the student. After two subsequent negative assessments, the student may be dismissed from the doctoral training.

(4) Credit points can be awarded for:

a) a) participation in formal training (participation in contact hours, preparation for exams and the performance of tasks, supervised individual studies, completion of testing requirements);
b) progress in scientific research work, for publication of the results of scientific work in an important international forum, and for patents;
c) the teaching activity of 4 hours a week performed in the first 4 semesters of the program, which includes the mentoring of foreign doctoral students arriving as part of the Stipendium Hungaricum program;
d) publications published in priority international periodicals (for a maximum of 5 credits in each of the last two semesters).

Section 17 (1) In the doctoral program, an exam shall be considered successful if the student has been given a grade that is better than failing or receives a passing grade. The first attempt to improve the result of any failed exam shall be deemed as a retake examination and all additional attempts shall be defined as repeated exams (hereinafter collectively referred to as: exam).

(2) The student may attempt to pass a failed exam during the same semester only once.

(3) The supervisor shall evaluate the student's performance after the student's semester report, both by assigning a grade (on a scale of 1-5) and by providing a written evaluation. If considered necessary by the Head of the Doctoral School, the written evaluation shall also be uploaded to the Neptun system.

(4) The annual reports of students participating in organized training consist of oral and written parts. No exemption can be granted from under preparation of the written part. The supervisor shall provide an opinion on the report.

(5) The oral part of the annual reports of the doctoral students is generally held as part of a publically announced mini-conference, to which all students and teachers of the Doctoral School and the representatives of any other doctoral schools operating in the same field are invited. The oral part of doctoral students' annual reports is public. In justified cases (e.g. sickness, trips abroad, etc.), the Head of the Doctoral School may grant exemption from the obligation pertaining to the oral part of the annual report.

(6) In agreement with their supervisors, doctoral students shall prepare the proof of having fulfilled their study-related obligations by indicating the names of the fulfilled tasks/subjects and their study point values. The Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall then provide its approval. Once the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology has granted its approval, the final certificate shall be issued by the Doctoral and Habilitation Office at the PPCU Faculty of Information Technology and Bionics.

Section 18 (1) The complex examination includes an assessment of the acquired theoretical knowledge and a review of the research results: an evaluation of the preparatory works for the dissertation and the student's scientific results and publications. In the first part of the complex examination, the student recounts his knowledge of the main subject and the two subsidiary subjects defined and selected according to the doctoral subprogram. In the second part of the complex examination, the student reports on the fulfilment of the study and teaching obligations in the first two years, presents any publications, and provides a report on the dissertation preparatory work.

(2) In the fourth semester, doctoral students participating in organized training may request the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology to approve the theoretical subjects included in the complex examination and to appoint the board of examiners.

(3) If the examinee receives a failing grade for any or all of the theoretical subjects in the complex examination, the student may take a make-up exam in the subject(s) in the same exam period, on the day specified accordingly.

Section 19 (1) The research and dissertation sections consist of directed research activities and preparation for publication. 15 credits are awarded per semester for the directed research activity, and 5 credits are awarded for each of the publication in support of the theses. In justified cases, 5 credits may be awarded for publication preparatory work. Students shall regularly report on their progress in connection with the dissertation by holding presentations.

(2) The minimum publication requirements for doctoral degrees are set out in Annex 1. Meeting the minimum publication requirements is one of the necessary conditions for starting the evaluation procedure.

(3) The minimum language skill requirements of the application for the complex exam and for obtaining a doctoral degree is at least a B2 complex language exam (or other equivalent accredited language exam, or a certificate equivalent to a language exam) in English.

Section 20 (1) The application for the complex examination and the obtaining of the doctoral degree submitted without prior participation in the doctoral program (individual preparation) may be submitted to the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology with the required annexes. Prior to approving the application, the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall examine the applicability of the field and the fulfilment of the minimum publication and language skill requirements, in the absence of either of which it shall not approve the application.

(2) In case of applicants applying for individual preparation, the minimum publication requirements shall have to be met in the 10 years preceding the submission of the application.

(3) The complex examination shall be organized for persons participating in individual preparation in line with the general rules and requirements.

Section 21 Additional remuneration is due for classes taught in addition to the teaching obligations; however, this may not exceed 4 hours per week.

Section 22 (1) When the dissertation is submitted, the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology shall examine whether the minimum publication requirements are met. If the Multidisciplinary Doctoral and Habilitation Council of

Sciences and Technology finds that the publication requirements have not been met, the dissertation may not be permitted to proceed to the home defense.
(2) At the same time as submitting the publications, the doctoral student must include co-author statement(s) in the form given in Annex 2, as described in the minimum publication requirements (Annex 1).
(3) The workplace discussion (in-house defense) of the doctoral thesis to be submitted must be held at the place of research or within the framework of the doctoral school. The workplace discussion is not yet part of the evaluation procedure.
(4) Minutes, including an attendance sheet, shall be drawn up of the home defense. The attendance sheet shall include the names, workplaces, and degrees of the participants.
(5) The Doctoral School Council shall request two opponents with academic degrees to participate in the home defense. The written opinion of the opponents shall be attached to the minutes. At least two Doctoral School core members or Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology members shall be present at the home defense.
(6) All of the Doctoral School's teachers, students, and graduates shall be invited to the home defense.
Section 23 (1) Any persons who are related to or who are under the supervision of the doctoral student who submitted the dissertation may not participate in the public defense's committee of assessors, including any persons who cannot be expected to provide an objective evaluation of the case, thus especially:

a) the doctoral student's supervisor;
b) the doctoral student's relative and ex-spouse (cohabiting partner, fiancée);
c) the head of the doctoral student's research team, the doctoral student's direct superior, and the doctoral student's subordinate.

(2) After the doctoral student or the person involved reports such conflict of interest, or after the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology learns thereof by any other means, the Chair of the Council shall promptly make a decision on exclusion.
(3) All of the Doctoral School's teachers, students, and graduates shall be invited to the public defense.

Section 24 (1) The University Doctoral and Habilitation Council shall decide on the grade of the doctoral degree (Doctoral Program and Degree Regulations of PPKE, 19§(6)). The proposal of the Multidisciplinary Doctoral and Habilitation Council of Sciences and Technology for the classification of doctoral degrees based on the percentage of the public defense:

a) 90 % and above – *summa cum laude*;
b) less than 90% and at least 75% – *cum laude*;
c) less than 75 % and at least 60% – *rite*.

Section 25 In the application for the nostrification of doctoral degrees obtained abroad, teachers and researchers employed full-time by the Faculty of Information Technology and Bionics may be exempted from the obligation to pay the procedural fee.
Section 26 Between 1st and 20th August, the doctoral school is closed for student administration.

Appendix

Annex 1

Minimum publication requirements for a PhD degree at PPKE ROSKA Tamás Doctoral School of Sciences and Technology

31 August 2024

The minimum requirements for the submission of a thesis and the award of a PhD degree are as follows (all points must be met):
The doctoral student/doctoral candidate must
(1) have at least three peer-reviewed publications1 as recorded in the MTMT or at least two articles published in a Scimago (https://www.scimagojr.com/) SJR Q1 rated journal within 10 years2 prior to the submission of the thesis;
(2) have at least one peer-reviewed publication by a first or corresponding author;
(3) have at least two publications in English;
(4) have at least two peer-reviewed journal articles with a Scimago SJR Q1-Q4 rating. Journals must also be listed on the Web of Science (WoS) or Scopus databases.
Up to one journal article may be counted instead of one:
(a) a full-text conference article3 published in a conference publication classified as A or A* in the CORE conference database (http://portal.core.edu.au/conf-ranks/), or
(b) with the support of the relevant Programme Leader and the DI Leader, an accepted patent or a submitted patent with positive novelty search4;
(5) at least one WoS impact factor journal article.

Only publications or patents that are assigned to a thesis point (but may also include thesis points that do not yet have a published or accepted for publication at the time of submission) will be considered when assessing compliance with the minimum requirements for the award of a degree. Publications with incomplete data in the PTRP will not be considered. The classification of the type of publication (journal article, conference article, refereed, etc.) and the existence of an impact factor will be based on the current data in the MTMT. Only publications published in a journal or conference relevant to the discipline in which the doctoral school is active will be counted towards the minimum requirements.
According to the information available in the Norwegian journal list (https://kanalregister.hkdir.no/publiseringskanaler/Forside.action?request_locale=en) at the time of submission, publications in journals with a scientific quality of 0 or with an 'X' (under revision) will not be considered for the minimum requirements.
To prove the minimum requirements, the MTMT links of the publications and the electronic (PDF) version of the final text must be submitted to the Doctoral Office. If the deadline for the submission of the dissertation is absolutely necessary, it is sufficient to include an editorial letter confirming final acceptance along with the final text of the article.
For SJR and CORE ratings, the information available at the time of publication should be taken into account. The doctoral candidate must obtain and attach a co-authorship statement from the co-authors of the publications used to support the thesis (except the topic leader).
These publication requirements apply to doctoral students starting their doctoral studies after 1 September 2024. Doctoral candidates starting their studies between 1 September 2020 and 31 August 2024 may opt to apply the above publication requirements by voluntary declaration.

Annex 2

CO-AUTHORING STATEMENT

I, the undersigned ..... (co-author), agree that ..... (doctoral student / doctoral candidate*) may use the results presented in the publications listed below as independent results to support the thesis points of the PhD thesis "....." submitted to the ROSKA Tamás Doctoral School of Sciences and Technology of the university PPKE, Hungary.
I also declare that I have not used and will not use the scientific results of the theses for the purpose of obtaining a PhD degree.

List of joint publications:

Budapest, ... 20

_____
(Signature)

* please select the appropriate part