

APPROVED BY  
Order No. V3-S-6 of the Senate of  
Kaunas University of Technology  
8 February 2021

## **2021 REGULATIONS OF THE ADMISSION TO THE THIRD CYCLE STUDIES AT KAUNAS UNIVERSITY OF TECHNOLOGY**

### **CHAPTER I GENERAL PROVISIONS**

1. 2021 Regulations of the Admission to the Third Cycle Studies (hereinafter – Regulations) of Kaunas University of Technology (hereinafter – University) establish the procedure under which candidates are admitted to the full-time third cycle (hereinafter – doctoral studies) study programmes of science fields coordinated by the University in 2021. In 2021, candidates to the full-time doctoral study programmes of the science fields which are not coordinated by the University are admitted under the admission regulations approved by the institutions coordinating the relevant science fields.

2. In 2021, the University admits to doctoral studies in 15 science fields coordinated by the University and 4 science fields not coordinated by the University. The list of the science fields of doctoral studies coordinated and not coordinated by the University is provided in Appendix 1 to the Regulations. The 2021 list of the dissertation topics is approved by the order of the Vice-Rector for Research and Innovation following the Regulations on the Doctoral Studies of Kaunas University of Technology and the Regulations on the Research Doctoral Studies of the Institutions of Joint Doctoral Studies.

3. The candidates can apply to the state-funded and state non-funded positions of studies. The rights and obligations of all the candidates are equal (except for the amounts of fees). The candidates who have already completed or are presently students of doctoral studies are not eligible for a state-funded position if more than a half of the duration of their doctoral studies was state-funded.

4. Admission to doctoral studies is conducted under the procedure of open competition. The stages of the admission procedure are as follows:

- 4.1. Submission and registration of the admission documents;
- 4.2. Participation in an interview with the doctoral committee of the relevant science field;
- 4.3. Signing of the study contract.

5. The admission to doctoral studies is organised and implemented by the Doctoral School of the University (email: [doktorantura@ktu.lt](mailto:doktorantura@ktu.lt); [phd@ktu.lt](mailto:phd@ktu.lt)). Information regarding the admission of the candidates is announced on the University website at <https://stojantiesiems.ktu.edu/doktorantura> and <https://admissions.ktu.edu/phd/>.

### **CHAPTER II SUBMISSION AND REGISTRATION OF THE ADMISSION DOCUMENTS**

6. Participation in the competition for a position in doctoral studies is allowed after submission of the application and other required documents. Submission and registration of the documents is performed under the procedure and within the terms indicated in the Regulations.

7. The admission documents listed in Paragraph 8 of the Regulations can be submitted only online (the electronic application form) via the University Information System for admission to doctoral studies. The procedure of document submission is specified on the University website at <https://stojantiesiems.ktu.edu/doktorantura> and <https://admissions.ktu.edu/phd/>.

8. The candidates to doctoral studies are required to submit the following documents:

- 8.1. An application indicating the science field, the topic and the form of funding;
- 8.2. Copies of the Master's (as well as Bachelor's for those applying to the science fields of Physics, Chemistry, Chemical Engineering and Materials Engineering) or equivalent qualification

diploma(s) with diploma supplement(s). If the documents have been issued by foreign institutions, they have to be acknowledged in the Republic of Lithuania under the applicable procedure;

8.3. A Curriculum Vitae;

8.4. Recommendations by two researchers of the relevant science field (a recommendation by the supervisor of the topic to which the candidate is applying is required in the science fields of Physics, Chemistry, Civil Engineering, Chemical Engineering, Informatics Engineering, Materials Engineering and Mechanical Engineering; a consent of the supervisor of the topic to which the candidate is applying to supervise the candidate if he/she is invited to studies is required if the candidate is applying to the science field of Informatics Engineering; if the candidate is applying to the positions of doctoral studies funded in the framework of the invitation to doctoral studies under the competition of the Research Council of Lithuania, a recommendation of the topic to which the candidate is applying is required). The recommendations have to be issued in the same calendar year when the candidate's application is submitted. A recommendation has to explicitly specify the institution and the science field to which the candidate is being recommended;

8.5. A research proposal on the selected topic, if the candidate is applying to the science fields of Physics, Electricity and Electronics Engineering, Civil Engineering, Informatics Engineering, Measurement Engineering and Management Science (if the candidate is applying to two topics, two individual research proposals have to be submitted);

8.6. A list of the research works (this list is to be submitted with the unabridged bibliographic description) is presented along with copies of the research works. In case of the absence of research works, the candidate has to present a research paper whose topic is consistent with the dissertation topic indicated in the candidate's application (if the candidate is applying to two topics areas, two individual research papers have to be submitted). If the candidate is applying to the science field of Informatics Engineering, he/she is required to have at least one scientific publication and submit a copy thereof, in this case, a research paper is not acceptable;

8.7. A copy of the passport personal data page, or a copy of the ID card;

8.8. A copy of the receipt of the application fee payment;

8.9. A certificate issued by IELTS, TOEFL, CEFR or any other competent institution within the last 2 (two) years certifying the level of the English language; this certificate is not required if, instead of the certificate, the candidate submits the following:

8.9.1. A diploma supplement of the first or second study cycle (or another graduation document issued by a higher education institution) indicating that at least half of the credits specified in the diploma supplements have been completed in the English language;

8.9.2. A diploma supplement of the first or second study cycle indicating that the candidate has studied the English language as a study subject (in this case, a diploma supplement has to indicate the achieved level of the English language);

8.10. Consent for the processing of the candidate's personal data by the University (the consent is granted in the System when submitting application documents).

9. An application is considered accepted (registered) if the application form contains the correct data of the individual, his/her previously acquired education, research activities, the evaluations of all the first cycle (only when applying to the science fields of Physics, Chemistry, Chemistry Engineering and Materials Engineering) and second cycle subjects, the application contains at least one specified science field and the preferred topic, and all the digital copies of the required documents have been submitted.

10. If any required document(s) is/are not submitted prior to the deadlines set out in Paragraph 31 of the Regulations, the application is not considered.

11. In the application, the preferences are listed in the descending order of priorities. The indication of the science field, the topic, and the type of the funding of studies are considered to be a preference.

12. A candidate can edit the application before it has been accepted (registered). Editing includes modifications, addition or deletion of a science field, change in the order of topics and the type of funding in the list of preferences. If the application is edited and the indicated preferences are altered, the latest version of the application is the valid one.

13. Any documents issued in languages other than Lithuanian or English have to be translated into one of these languages and approved under the procedure stipulated by the Law of the Republic of Lithuania.

14. If education documents have been issued at a foreign institution, academic acknowledgement of the qualification, identification of the equivalent subjects and their transfer into the Lithuanian evaluation system are required. The acknowledgement of education documents is performed by the University upon the receipt of the properly completed and registered application for participation in the competition for doctoral studies and the required document within the deadline set out by the Regulations, or the candidate can apply to the Centre for Quality Assessment in Higher Education (skvc.lt) regarding the acknowledgement of the diploma issued abroad.

15. Should the employees of the University's Doctoral School or the members of the doctoral committee of the relevant study field have any doubts regarding the authenticity of the documents, or, in the case of any discrepancies between the submitted documents and the data obtained from databases, the candidate may be requested to submit the original documents.

16. A candidate cannot change the order of preferences in the application after he/she has been invited to study.

### **CHAPTER III STRUCTURE AND CALCULATION OF THE COMPETITION SCORE**

17. The candidates are admitted to the doctoral studies of a specific science field under the procedure of competition according to their compliance with the requirements for the specific science field and their competition score.

18. The admission requirements and the minimum competition scores for admission to state-funded and state non-funded doctoral studies of each science field are provided in Appendix 2. All the candidates have to comply with the main and additional admission requirements.

19. The competition score is a numerical expression of the components of the competition score calculated for each candidate in each science field. It consists of the sum of the components of the competition score multiplied by the weighted coefficients. The values of the weighted coefficients, as determined by the doctoral committees of the relevant science fields, are provided in Appendix 3 to the Regulations.

20. The competition score for admission to the doctoral studies of a science field for both state-funded and state-non-funded positions is formed according to the same principles.

21. The candidates are assigned a position in the competition queue of each science field or a topic of the science field in descending order according to their competition score, if applicable. When the doctoral committees of the relevant science fields have assigned the available positions of the University's state-funded doctoral studies to the topics, a competition queue is made for each topic which has been assigned an indicated number of state-funded positions of doctoral studies. In other cases, there is a single competition queue for each science field.

22. The components of the competition score for admission to doctoral studies ( $KB_D$ ) are as follows:

22.1. The weighted grade point average of the Master's diploma supplement ( $V_s$ ) or equivalent education (as well as the Bachelor's diploma when applying to the science fields of Physics and Materials Engineering) in the ten-point grading system. The information on the calculation of the grade point average of the candidate's diploma supplement is sourced from the relevant education documents;

22.2. Evaluation of the research experience ( $M_m$ ) in the ten-point grading system. The evaluation of the research experience includes the candidate's scientific publications or the research paper, other research experience, scientific qualifications, the compliance of the scientific publications, and the research experience within the topic of doctoral studies;

22.3. Evaluation of the recommendations by scientists or the research proposal in the selected topic ( $M_r$ ) in the ten-point grading system. The evaluation of the recommendations by scientists

includes their soundness and objectivity; the evaluation of the research proposal in the selected topic includes its originality and comprehensiveness;

22.4. Evaluation of the interview ( $M_d$ ) in the ten-point grading system. The evaluation of the interview includes the demonstrated understanding of the scientific problems in the science field the candidate is applying to, his/her motivation, and the ability to outline answers (including those provided in a foreign language).

23. The weighted grade point average of the evaluations in the Master's (and Bachelor's when applying to the science fields of Physics and Materials Engineering) or equivalent diploma supplement(s) ( $V_s$ ) in the ten-point grading system is calculated as follows:

$$V_s = \frac{\sum_{i=1}^n DP_i \cdot k_i}{\sum_{i=1}^n k_i};$$

where  $DP_i$  is the mark for a subject listed in the higher education diploma supplement in the ten-point grading system;  $k_i$  is the volume of a subject in credits;  $n$  is the number of the subjects listed in the higher education diploma supplement.

23.1. If the volume of the subjects is not specified in credits in the Master's (as well as Bachelor's when applying to the science fields of Physics and Materials Engineering) diploma supplement(s), the arithmetic average of the evaluations of the subjects of the diploma supplement(s) is used when calculating the competition score;

23.2. Evaluations in the five-point grading system are converted to the ten-point grading system and only then included in the calculation;

23.3. If a diploma supplement contains subjects not evaluated with marks or without any specified evaluations, they are not included in the calculation of the weighted grade point average and the competition score.

24. The procedure for the preparation and evaluation of the research paper (in case no publications have been presented) is provided in Appendix 4 to the Regulations.

25. The procedure for the preparation and evaluation of the research proposal on the selected topic is provided in Appendix 5 to the Regulations.

26. The procedure for the evaluation, the areas and the criteria of the interview are provided in Appendix 6 to the Regulations.

27. The competition score ( $KB_D$ ) is calculated as a sum of multiplications of the component competition scores in the ten-point grading system and the weighted coefficients indicated in Appendix 3 to the Regulations, i.e.,

$$KB_D = \sum_{j=1}^m EP_j \cdot EK_j;$$

where  $EP_j$  is the  $j$  competition component ( $V_s$ ,  $M_m$ ,  $M_r$  and  $M_d$ ) mark in the ten-point grading system;  $EK_j$  is the weighted coefficient of  $j$  competition component;  $m$  is the number of the competition components constituting the competition score.

28. If several candidates have been given the same competition score, the higher place in the competition queue (in the order of priorities) is assigned to the candidate who has:

28.1. A higher evaluation of the research experience;

28.2. A higher weighted grade point average of the marks of the diploma supplement;

28.3. A higher evaluation of the thesis or the final examination(s). The final decision is made by the doctoral committee of the relevant science field.

## CHAPTER IV COMPETITION FOR THE ADMISSION TO DOCTORAL STUDIES

29. Admission is conducted in several stages: the main admission to doctoral studies coordinated by the University is held in June. Admission to the doctoral studies not coordinated by

the University is held on the dates approved by the coordinating institutions. Additional admission(s) is/are held provided there are remaining vacant state-funded and/or state-non-funded positions. The candidates who were not successful at the main admission and intend to participate in the additional admission have to submit a repeated application with the required documents for participation in the competition and to pay the application fee for the second time.

30. The candidates have to attend the interview with the doctoral committee of the science field to which they apply.

31. The dates of the main admission to doctoral studies are listed below:

No.	Procedures of the admission to doctoral studies	Dates
1.	Announcement of the admission to doctoral studies	4 June 2021
2.	Submission and registration of the admission documents	7–22 June 2021, until 13:00
	Submission and registration of the admission documents for those candidates who have completed their higher education studies at a foreign educational institution and have no document of the acknowledgement of their diploma in the Republic of Lithuania	3–14 May 2021, until 16:00
3.	Submission of appeals against the incorrect evaluation of the admission documents	23 June 2021, 08:00–10:00
4.	Announcement of the results of the appeals against the incorrect evaluation of the admission documents	23 June 2021, 16:00
5.	Interviews with the doctoral committees of the relevant science fields	28–30 June 2021
6.	Presentation of information to the candidates regarding the competition results in the Admission Information System	30 June 2021; from 16:00
7.	Acceptance of appeals against the admission results	1 July 2021, 8:00–10:00
8.	Announcement of the result of the appeals against the admission results	1 July 2021, 16:00
9.	Information to the candidates regarding the final results of the competition in the Admission Information System	1 July 2021, 17:00
10.	Signing of study contracts with the candidates invited to doctoral studies	2, 5 July 2021, 13:00–16:00

32. The invitation to study depends on the priorities listed in the candidate's application, the competition score, and the competition queue for admission to doctoral studies.

33. The competition queues are announced in the Admission System. The candidates are considered to be invited to state-funded doctoral studies if their competition scores are the highest in the competition queue and they are within the quota of the study positions determined by the University.

34. The individuals are considered to be admitted after they have signed the study contract with the University and have been admitted to studies by the Rector's order.

35. Reasoned written appeals regarding the incorrect evaluation of admission documents and admission results are submitted to the University's Doctoral School within the deadlines set forth in the Regulations. The received appeals are examined, and the verdicts are delivered by the doctoral committee of the respective science field. Appeals are examined only if they are reasoned and based on objective facts. Responses to the candidates are drafted and provided by the University's Doctoral School based on the verdict of the doctoral committee of the respective science field.

36. In all the cases not specified in the Regulations, decisions are taken by the doctoral committee of the relevant science field.

37. If the doctoral committee of any science field determines that the list of the modules of the candidate's main studies is of insufficient scope or that some of his/her acquired skills are insufficient, the committee may indicate modules of non-doctoral studies that the candidate is additionally required to take during the first year of doctoral studies. The candidate shall pay for the additional study modules.

38. The individuals invited to study at the University are required to sign a study contract with the University within the set deadlines.

39. The study contract (in printed form) is signed in person at the University's Doctoral School. When signing the agreement, the candidate has to submit (show) the originals of all the documents specified in the application. The individuals invited to study at the University who are abroad within the deadlines set out for signing of their learning agreements are provided with a possibility to email the signed learning agreement within the deadlines set out in the Regulations and send the original agreement via registered mail. In this case, the original documents specified in the application have to be submitted (shown) to the Doctoral School upon the arrival to studies.

40. If any invited candidates fail to sign their study contracts within the deadlines set out in the Regulations, their invitations to study at the University are voided, and, by the decision of the doctoral committee of the relevant science field, the subsequent candidates given the highest competition score who initially were not invited to study are invited to take the vacant positions, or these positions are transferred to the following cycle of admission.

## **CHAPTER V FEES**

41. After the submission of the application for participation in the competition, the candidate is required to pay the application fee within the set deadline. The application is not examined if the application fee has not been paid.

42. The amounts of application fees and the details of the bank account for payment are provided in Appendix 7 to the Regulations.

43. Any natural person or legal entity can pay the application fee for a candidate, but it is necessary to indicate the correct data of the payment – the candidate's name, surname, personal identification number and the payment purpose, as specified in Appendix 7 to the Regulations. If the provided data is incorrect, the payment shall not be honoured.

44. Those candidates who have lost both of their parents or guardians as well as those candidates who grew up in orphanages, provided they were born in 1996 or later, and also those candidates whose capacity to work is 45% or less are exempted from the application fee. These candidates have to submit their application with the documents certifying that they are entitled to this exemption.

45. The application fee is non-refundable after the registration of the application for permission to participate in the competition for the admission to doctoral studies.

46. If a candidate signs the study contract for a state non-funded position, the tuition fee for doctoral studies has to be paid within the deadlines specified in the contract. The details for payment of the tuition fee are provided in Appendix 7 to the Regulations.

47. The annual fee of the doctoral studies for the candidates who are admitted to state non-funded positions is approved by a decree of the University Senate after the receipt of the information regarding the number of the state-funded positions of doctoral studies for 2021 and announced on the University website at <https://stojantiesiems.ktu.edu/doktorantura> and <https://admissions.ktu.edu/phd/>.

## **CHAPTER VI FINAL PROVISIONS**

48. The Regulations can be amended or voided by a decree of the University Senate.

**LIST OF THE SCIENCE FIELDS OF DOCTORAL STUDIES COORDINATED AND NOT  
COORDINATED BY KAUNAS UNIVERSITY OF TECHNOLOGY**

<b>Field code</b>	<b>Science field</b>	<b>Form and duration of studies</b>
<b>FIELDS OF SCIENCE OF DOCTORAL STUDIES COORDINATED BY THE UNIVERSITY</b>		
<b>NATURAL SCIENCES</b>		
N002 N003 N009	Physics Chemistry Informatics	Full-time studies, 4 years
<b>TECHNOLOGICAL SCIENCES</b>		
T001 T002 T004 T005 T006 T007 T008 T009 T010	Electrical and Electronics Engineering Civil Engineering Environmental Engineering Chemical Engineering Energetics and Power Engineering Informatics Engineering Materials Engineering Mechanical Engineering Measurement Engineering	Full-time studies, 4 years
<b>SOCIAL SCIENCES</b>		
S003 S004	Management Economics	Full-time studies, 4 years
<b>HUMANITIES</b>		
H003	History and Theory of Arts	Full-time studies, 4 years
<b>FIELDS OF SCIENCE OF DOCTORAL STUDIES NOT COORDINATED BY THE UNIVERSITY</b>		
<b>TECHNOLOGIES</b>		
T003	Transportation Engineering	Full-time studies, 4 years
<b>SOCIAL SCIENCES</b>		
S002 S005 S007	Political Sciences Sociology Education	Full-time studies, 4 years

**ADMISSION REQUIREMENTS AND MINIMUM COMPETITION SCORES FOR  
ADMISSION TO DOCTORAL STUDIES**

Field code	Science field	Minimum competition score	Main admission requirements	Additional admission requirements <sup>1</sup>
<b>FIELDS OF SCIENCE OF DOCTORAL STUDIES COORDINATED BY THE UNIVERSITY</b>				
<b>NATURAL SCIENCES</b>				
N002	Physics	7.5	Master's degree or equivalent higher education	One of the submitted recommendations by scientists has to be written by the supervisor of the topic to which the candidate is applying.
N003	Chemistry	7.5	Master's degree or equivalent higher education	1. One of the submitted recommendations by scientists has to be written by the supervisor of the topic to which the candidate is applying. 2. The sum of ECTS credits for the subjects in the fields of Chemistry and Chemical Engineering completed during the first and second cycle University studies is $\geq 30$ .
N009	Informatics	7	Master's degree or equivalent higher education	-
<b>TECHNOLOGICAL SCIENCES</b>				
T001	Electrical and Electronics Engineering	7.5	Master's degree or equivalent higher education	-
T002	Civil Engineering	8	Master's degree or equivalent higher education	One of the submitted recommendations by scientists has to be written by the supervisor of the topic to which the candidate is applying.
T004	Environmental Engineering	7	Master's degree or equivalent higher education	-
T005	Chemical Engineering	8	Master's degree or equivalent higher education	1. One of the submitted recommendations by scientists has to be written by the supervisor of the topic to which the candidate is applying. 2. The sum of ECTS credits for the subjects in the fields of Chemistry and Chemical Engineering completed during the first and second cycle University studies is $\geq 30$ .
T006	Energetics and Power Engineering	8	Master's degree or equivalent higher education	-
T007	Informatics Engineering	7.5	Master's degree in technologies or physical sciences	One of the submitted recommendations by scientists has to be written by the supervisor of the



				topic to which the candidate is applying.
T008	Materials Engineering	7.5	Master's degree or equivalent higher education	One of the submitted recommendations by scientists has to be written by the supervisor of the topic to which the candidate is applying.
T009	Mechanical Engineering	7.5	Master's degree or equivalent higher education	One of the submitted recommendations by scientists has to be written by the supervisor of the topic to which the candidate is applying.
T010	Measurement Engineering	7.5	Master's degree or equivalent higher education	-
<b>SOCIAL SCIENCES</b>				
S003	Management	8	Master's degree or equivalent higher education	-
S004	Economics	8	Master's degree or equivalent higher education	-
<b>HUMANITIES</b>				
H003	History and Theory of Arts	8	Master's degree or equivalent higher education	-

<sup>1</sup> All the candidates are required to meet the main as well as the additional admission requirements.

### SELECTION CRITERIA AND THEIR WEIGHTED COEFFICIENTS

No.	Science field, code	Weighted grade point average of the diploma supplement (V <sub>s</sub> )	Research experience (M <sub>m</sub> )	Research proposal in the selected topic (M <sub>r</sub> )	Recommendations by scientists (M <sub>r</sub> )	Interview, including evaluation of the knowledge of a foreign language (M <sub>a</sub> )
1.	Physics, N002	0.35 <sup>1</sup>	0.4	0.1	0.05	0.1
2.	Chemistry, N003	0.5	0.3	-	0.05	0.15
3.	Informatics, N009	0.45	0.3	-	0.05	0.2
4.	Electrical and Electronics Engineering, T001	0.4	0.35	0.05	-	0.25
5.	Civil Engineering, T002	0.5	0.25	0.1	-	0.15
6.	Environmental Engineering, T004	0.5	0.3	-	-	0.2
7.	Chemical Engineering, T005	0.5	0.3	-	0.05	0.15
8.	Energetics and Power Engineering, T006	0.3	0.4	-	0.05	0.25
9.	Informatics Engineering, T007	0.3	0.4 <sup>2</sup>	0.1	-	0.2
10.	Materials Engineering, T008	0.35 <sup>1</sup>	0.55	-	0.05	0.05
11.	Mechanical Engineering, T009	0.45	0.3	-	0.05	0.2
12.	Measurement Engineering, T010	0.35	0.4	0.05	-	0.2
13.	Management, S003	0.3	0.3	0.1	0.05	0.25
14.	Economics, S004	0.4	0.3	-	0.05	0.25
15.	History and Theory of Arts, H003	0.2	0.65 <sup>3</sup>	-	-	0.15

<sup>1</sup> Weighted point grade average of the Bachelor's diploma supplement is evaluated **0.1 points**;  
Weighted point grade average of the Master's diploma supplement is evaluated **0.25 points**.

<sup>2</sup> Research experience is evaluated **0.4 points**: publications are evaluated in points according to the current regulations for the annual evaluation of research and experimental development and artistic activities of universities and science institutes approved by the order of the Minister of Education, Science and Sport of the Republic of Lithuania, other research experience and compliance of the scientific qualification, scientific publications and research experience within the topic of doctoral studies.

<sup>3</sup> Research experience is evaluated **0.45 points**: publications are evaluated in points according to the current regulations for the annual evaluation of research and experimental development and artistic activities of universities and science institutes approved by the order of the Minister of Education, Science and Sport of the Republic of Lithuania, or the research paper;  
Other research experience is evaluated **0.2 points**: other research experience is evaluated (participation in research projects, conferences, publications prepared and submitted for printing, preparation of lectures, etc.) along with the compliance of the scientific qualification(s) with the topic of doctoral studies.

## **PROCEDURE FOR THE PREPARATION AND EVALUATION OF THE RESEARCH PAPER**

1. A research paper on the topic specified in the application is required to be an individual paper demonstrating the candidate's theoretical and methodological knowledge as well as research experience in the topic to which he/she applies, skills of critical thinking, originality of the ideas, and ability to perform research work.

2. A candidate provides a guarantee that the submitted research paper is an original work and that no copyrights of any third parties have been violated in the preparation of the research paper, that the paper does not contain any confidential information or any information which is subject to the publishing restrictions set forth by the legislation of the Republic of Lithuania.

3. The research paper is prepared with consideration to the following guidance requirements:

3.1. The volume of the research paper is approximately 30,000 characters (including spaces), i.e., approximately 10 pages;

3.2. The text is written in 12 pt., Times New Roman font, 1.5 line spacing, either in the Lithuanian language, or in the English language;

3.3. The research paper is required to consist of the following sections:

A. Title – consistent with the dissertation topic specified in the application;

B. Introduction – a summarised description of the relevance and significance of the research which contains the formulated scientific problem, the goal, the objectives, and the expected results;

C. Literature review – a review of the most recent sources of scientific literature (research papers, monographs, patents) on the dissertation topic is provided, and the ways how the planned research would contribute to gaining new knowledge are identified;

D. Research methodology – potential research methods or methodology are defined; how the candidate plans to obtain and analyse the data is described;

E. List of references – a list of references used for the preparation of the research paper is provided. All the literature indicated in the list of references has to be quoted in the paper.

4. The research paper is evaluated by the members of the doctoral committee of the relevant science field. The arithmetic average of their evaluation scores is the final score of the candidate's research paper which is rounded to the nearest whole number.

## **PROCEDURE FOR THE PREPARATION AND EVALUATION OF THE RESEARCH PROPOSAL**

1. A candidate who submits an application for admission to doctoral studies in the science fields of Physics, Electrical and Electronics Engineering, Civil Engineering, Informatics Engineering, Measurement Engineering or Management Science is required to submit a research proposal along with the other documents specified in the Regulations.

2. A research proposal is prepared for each dissertation topic specified in the application.

3. The research proposal is intended for the evaluation of the candidate's theoretical knowledge in the topic to which he/she is applying, the skills of critical reasoning, the originality of the ideas, and the ability to outline ideas.

4. The research proposal is prepared with consideration to the following guidance requirements:

4.1. The volume of the research proposal is up to 6,000 characters (including spaces), i.e., approximately 2 pages;

4.2. The text is written in 12 pt., Times New Roman font, 1.5 line spacing, either in the Lithuanian language, or in the English language;

4.3. A research proposal shall contain a summarised description of the relevance of the research proposed in the specified topic, the formulated scientific problem, the goal and the tasks of the research, its significance and the expected results, the intended procedure and methodology of the planned research, the reliability of the data, the methods of obtaining and analysing the data.

5. A candidate's research proposal is submitted for comments and the proposed evaluation (in points) of the supervisor of the dissertation topic/thematic area to which the candidate applies before the hearing of the meeting of the doctoral committee of the relevant science field.

6. The members of the doctoral committee of the relevant science field evaluate the candidate's research proposal while taking into consideration the comments and the proposed evaluation of the supervisor of the topic/thematic area.

7. The arithmetic average of the evaluation scores of the members of the doctoral committee of the science field conducting the research proposal evaluation is the final score for the candidate's research proposal; the average is rounded to the nearest whole number. The highest possible evaluation score is 10 points.

## PROCEDURE, FIELDS AND CRITERIA OF THE INTERVIEW EVALUATION

1. The evaluation of the interview of the candidates to doctoral studies is conducted by the members of the doctoral committee of the science field to which the candidate is applying. Before the interview, the members of the doctoral committee get acquainted with the submitted admission documents of each candidate.

2. A candidate's participation in the meeting for admission to doctoral studies of the doctoral committee of the relevant science field is mandatory.

3. If a candidate has selected two science fields in the application, he/she has to participate in the meetings of the doctoral committees of both science fields where his/her motivation is evaluated separately.

4. The interview is conducted with each candidate individually. The supervisor of the topic/thematic area selected by the candidate is also allowed to participate in the interview with the candidate on condition that the committee of the science field does not object.

5. The duration of the interview with each candidate is established by the doctoral committee of the science field.

6. During the interview, a candidate is given questions according to the areas of the interview evaluation (Table 1). The members of the doctoral committee of the relevant science field may pose additional questions for the evaluation of the candidate's motivation.

7. The members of the doctoral committee of the relevant science field evaluate the interview individually. The guidance criteria for interview evaluation are listed in Table 2.

8. The arithmetic average of the evaluation scores of the members of the doctoral committee of the science field conducting the interview evaluation is the final score for the candidate's motivation; the average is rounded to the nearest whole number. The highest possible evaluation score is 10.

Table 1. Areas of interview evaluation and their values in points

<b>Areas of the interview evaluation</b>	<b>Value in points</b>
1. Justification of the choice to undertake doctoral studies	0–2.5
2. Justification of the choice of the dissertation topic/thematic area of the doctoral studies in the relevant science field	0–2.5
3. The candidate's ability to discuss in the framework of research activities	0–2.5
4. The candidate's ability to discuss in the framework of research activities in a foreign language	0–2.5
Maximum total score:	10

Table 2. Criteria for interview evaluation and their evaluation in points

<b>Criteria of the interview evaluation</b>	<b>Value in points</b>
A candidate delivers clear, precise and well-grounded answers to the provided questions; the answers are illustrated by specific examples and/or personal experience; the candidate presents a reasoned personal opinion and demonstrates proper linguistic etiquette/competence.	2.5
A candidate's answers lack clarity, accuracy, well-grounded arguments, specific examples and reasoned personal opinion; however, the deficiencies are minor, and the candidate demonstrates adequate linguistic etiquette/competence.	1.5

A candidate's answers are not clear, precise or well-grounded, they are only denoted by vague relevance with the provided question(s); the answers contain general and standard phrases; the candidate demonstrates a medium or low level of linguistic etiquette/competence.	0.5
A candidate fails to answer the provided question(s); the answers are not related to the provided question(s).	0

**DETAILS OF THE BANK ACCOUNTS FOR PAYMENT OF THE APPLICATION FEE  
AND TUITION FEES**

<b>Fee</b>	<b>Application fee*</b>		<b>Tuition fee</b>
<b>Amount of the fee</b>	40 EUR <i>for the citizens of the Republic of Lithuania and any other country of the European Union</i>	100 EUR <i>for the citizens of all other countries</i>	The price is specified in the study contract <i>for the students admitted to the state non-funded doctoral studies</i>
<b>Code of the fee</b>	2881		103161
<b>Title of the fee</b>	Application fee		For studies
<b>Recipient</b>	Kaunas University of Technology		
<b>Recipient bank:</b>			
<b>Title of the bank</b>	Swedbank	SEB bankas	Luminor Bank
<b>Bank code</b>	73000	70440	40100
<b>Account No.</b>	LT547300010002510317	LT757044060003104494	LT704010042502400369
<b>SWIFT</b>	XABALT 22	CBVILT 2X	AGBLLT 2X
<b>The data specified in the section of the payer code</b>	The Personal Code of the candidate/student		
<b>Additional information</b>	It is required to specify the name and surname of the candidate/student in the description of the payment		

\*Individuals specified in Paragraph 45 of the Regulations are exempted from the payment of the application fee.