

APPROVED BY  
Order No. V3-S-2 of the Senate of  
Kaunas University of Technology  
26 January 2024

## **2024 REGULATIONS OF ADMISSION TO THIRD CYCLE STUDIES AT KAUNAS UNIVERSITY OF TECHNOLOGY**

### **CHAPTER I GENERAL PROVISIONS**

1. The 2024 Regulations of Admission to Third Cycle Studies at Kaunas University of Technology (hereinafter – Regulations) establish a procedure under which, in 2024, applicants are admitted to the full-time third cycle (hereinafter – doctoral studies) study programmes of science fields coordinated by Kaunas University of Technology (hereinafter – University) (when the University provides doctoral studies in the relevant field independently or jointly with institutions of joint doctoral studies). In 2024, applicants to the full-time doctoral study programmes of the science/artistic fields which are not coordinated by the University are admitted under the admission regulations approved by the institutions coordinating the relevant science/artistic fields.

2. In 2024, the University admits candidates to doctoral studies in 15 science fields coordinated by the University and 5 science/artistic fields not coordinated by the University. The list of the science/artistic fields of doctoral studies coordinated and not coordinated by the University is provided in Appendix 1 to the Regulations. The 2024 list of dissertation topics is approved by the order of the Vice Rector for Research of the University following the Regulations on the Doctoral Studies of Kaunas University of Technology and the Regulations on the Research/Artistic Doctoral Studies of the Institutions of Joint Doctoral Studies.

3. The applicants can apply to state-funded and state non-funded positions of studies. The rights and obligations of all the applicants are equal (except for the amounts of fees). Those applicants who previously studied in doctoral studies are not eligible for a state-funded position if more than half of their doctoral studies was funded by the state budget of the Republic of Lithuania.

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 science field;
- 4.3. signing of the learning agreement.

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

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

6. Participation in the competition for admission to doctoral studies is allowed after the 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 of the applicants to the University study positions listed in Paragraph 8 of the Regulations can only be submitted online (by using the electronic application form) via the University information system for admission to doctoral studies (the applicants to joint doctoral studies submit their applications to the institutions of joint doctoral studies).

8. The applicants to doctoral studies have to submit the following documents:

8.1. An application indicating the science field (no more than two), the topic (no more than two per science field) and the form of funding;

8.2. Copies of the Master's (as well as Bachelor's for those applying to the science fields indicated in Appendix 2 to the Regulations) or equivalent qualification diploma(s) with diploma supplement(s) (only the final diplomas and diploma supplements are submitted; provisional degree certificates are *not* accepted instead of these documents). The following additional requirements shall apply:

8.2.1. Those applicants who have defended their Master's thesis in Lithuania, Latvia or Estonia in 2024 (higher education qualifications issued in Latvia and Estonia have been automatically recognised in Lithuania since 2019) but have not yet received their Master's diploma and diploma supplement prior to the deadline for the document submission specified in Paragraph 31.2 of the Regulations can instead submit an academic transcript of the results of their Master's studies from the institution where they defended their Master's thesis when submitting their admission documents (upon the receipt of the Master's diploma and diploma supplement, the applicants must submit copies of these documents as soon as possible, within 1–2 working days at the latest);

8.2.2. Those applicants who have obtained their education abroad must also enclose/attach a certificate of academic qualification recognition in the Republic of Lithuania (if this document is not submitted, the applicant's application shall not be considered);

8.3. A curriculum vitae;

8.4. Recommendations by two scientists representing the relevant science field (a recommendation of the supervisor of the topic to which the applicant is applying is required in the science fields specified in Appendix 2 to the Regulations; if the applicant is applying to the positions of doctoral studies funded under the invitation to doctoral studies under the competition of the Research Council of Lithuania, a recommendation of the supervisor of the topic to which the applicant is applying is required). The recommendations have to be prepared in the same calendar year when the applicant's application is submitted. A recommendation has to clearly specify the institution and the science field to which the applicant is being recommended;

8.5. A research proposal on the selected topic (only in the science fields indicated in Appendix 2 to the Regulations); if the applicant applies to two topics, two individual research proposals have to be submitted;

8.6. A list of scientific works (articles in scientific publications, conference proceedings) with a full bibliographic description and copies thereof; if there are no such scientific works (except for the informatics engineering science field, see Appendix 2 to the Regulations), the applicant has to present a research paper whose topic is consistent with the dissertation topic indicated in the applicant's application (if the applicant applies to two thematic areas, two individual research papers have to be submitted);

8.7. A copy of a valid personal document: a passport (for citizens of all countries) or an ID card (only for citizens of the European Union);

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. Certificates indicating the level of the English language obtained after completing English language training via various mobile apps (such as *Duolingo*, *Babbel*, *LinguaLift*, etc.) shall not be accepted. This certificate is not required if, instead of the certificate, the applicant submits the following:

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

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

8.10. Consent for processing the applicant's personal data by the University.

9. An application is considered accepted (registered) if the application form contains the correct personal data of the individual, his/her acquired education, research activities, the evaluations of all the first cycle (if Appendix 2 to the Regulations also stipulates the submission of a Bachelor's diploma in the relevant science field) and second cycle study 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 documents are not submitted within the deadlines set out in Paragraph 31 of the Regulations, the application shall *not* be examined.

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

12. An applicant can edit the application before it has been accepted (registered). Editing includes changes, additions or deletions of a science field, changes in the order of topics and the type of funding in the list of preferences. If an application has been edited and the indicated preferences have been altered, the latest revision of the application shall be deemed the valid version.

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 the education documents of the applicants were issued by a foreign institution, the academic recognition of the qualification, the identification of the equivalent study subjects and their transfer into the Lithuanian evaluation system are required. The following requirements apply in this case:

14.1. The recognition of the applicant's education documents is performed by the University under the procedure set out by the University upon the receipt of the documents required for the recognition of qualification within the deadline set out in Paragraph 31.1 of the Regulations: the application for the recognition of qualification, together with a copy of the applicant's identity document (citizens of the third countries (non-European Union) are required to submit a copy of the passport), the Bachelor's diploma and diploma supplement, the Master's diploma and diploma supplement (provisional degree certificates may be submitted for the procedure of the recognition of qualification if the study process has not been completed at the time of submission or the document certifying the qualification was not awarded immediately after graduation. If the admission documents specified in Paragraph 31.2 have been submitted, only final documents certifying the qualification and the supplements thereof shall be submitted). The requirements for the documents submitted for the procedure of the recognition of qualification are specified on the University website at <https://stojantiesiems.ktu.edu/akademiniis-kvalifikacijos-pripazinimas/> and at <https://admissions.ktu.edu/academic-recognition/>;

14.2. The recognition of the education documents of the applicants to joint doctoral studies is conducted by the institutions of joint doctoral studies (if they have been granted this right), or the candidates can individually apply to the Centre for Quality Assessment in Higher Education.

15. Should the employees of the University Doctoral School (or, in the case of joint doctoral studies, the persons responsible for receiving documents at the institutions of joint doctoral studies) or the members of the doctoral committee of the 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 applicant may be requested to submit the original documents.

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

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

17. The applicants are admitted to doctoral studies in the science field under the procedure of competition according to their compliance with the requirements for the 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 are provided in Appendix 2 to the Regulations. All the applicants 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 applicant in each science field. It consists of the sum of the components of the competition score multiplied by weighted coefficients. The values of the weighted coefficients, as determined by the doctoral committees of the science fields, are provided in Appendix 3 to the Regulations.

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

21. The applicants are assigned a position in the competition queue of each science field or a topic of the science field in decreasing order according to their competition score, if applicable. When the doctoral committees of the science fields assign the available positions of the University state-funded doctoral studies to the topics, a competition queue is formed for each topic which has an indicated number of state-funded positions of doctoral studies. In other cases, there is one competition queue for one science field.

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

22.1. A weighted grade point average of the Master's diploma supplement ( $V_S$ ) or equivalent education (as well as the Bachelor's diploma if it is stipulated for the relevant science fields in Appendix 3 to the Regulations) in a ten-point grading system. The information for the calculation of the grade point average of the applicant's diploma supplement is obtained from the relevant education documents;

22.2. Evaluation of the research experience ( $M_m$ ) in a ten-point grading system. Evaluation of the research experience includes the applicant's scientific publications or the research paper, other research experience, scientific qualifications, relevance of the scientific publications and research experience to the topic of doctoral studies;

22.3. Evaluation of the recommendations by scientists or a research proposal on the selected topic ( $M_r$ ) in a ten-point grading system. Evaluation of the recommendations by scientists includes their validity and objectivity; evaluation of the research proposal on the selected topic includes its originality, the applicant's knowledge of the topic and the ability to formulate ideas;

22.4. Evaluation of the interview ( $M_d$ ) in a ten-point grading system. Evaluation of the interview includes the demonstrated understanding of the scientific problems in the science field the applicant is applying to, his/her motivation, and the ability to formulate answers (also in the English language).

23. The weighted grade point average of the evaluations in the Master's (and Bachelor's if it is stipulated for relevant science fields in Appendix 3 to the Regulations) diploma supplement(s) ( $V_S$ ) in a 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 a score for subject  $i$  listed in the higher education diploma supplement in a ten-point grading system;  $k_i$  is the volume of that subject in credits;  $n$  is the number of 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 if it is stipulated for relevant science fields in Appendix 3 to the Regulations) diploma supplement, the arithmetic average of the evaluations of the subjects of the diploma supplement is used when calculating the competition score;

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

23.3. If a diploma supplement contains subjects evaluated as credits 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 scientific 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, areas and criteria for the evaluation 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 a ten-point grading system and the weighted coefficients indicated in Appendix 3 to the Regulations, i.e.,

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

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

28. If several applicants collect equal competition scores, the higher position in the competition queue (in the order of priorities) is assigned to the applicant who has obtained:

28.1. a higher evaluation of the research experience;

28.2. a higher weighted grade point average of the grades of the Master's diploma supplement;

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

#### **CHAPTER IV COMPETITION FOR ADMISSION TO DOCTORAL STUDIES**

29. The admission is conducted in several stages: the main admission to doctoral studies coordinated by the University is organised on the dates set out in Paragraph 31 of the Regulations; the admission to doctoral studies not coordinated by the University is organised on the dates approved by the institutions coordinating the science/artistic fields. Additional admission(s) is/are organised if there are any remaining vacant state-funded and/or state-non-funded positions. The applicants who were not successful in the main admission and intend to participate in the additional admission have to repeatedly submit an application with the required documents for participation in the competition and pay the application fee once more.

30. The applicants have to attend the interview with the doctoral committee of the science field to which they are applying. If an applicant who has submitted all the documents set out by the Regulations does not attend the interview, his/her admission documents shall no longer be considered and assessed by the doctoral committee of the science field (in this case, the final decision is made by the doctoral committee of the science field).

31. The dates of the main admission to doctoral studies coordinated by the University are the following:

| No. | Procedures of admission to doctoral studies   | Dates                       |
|-----|---|-----------------------------|
| 1.  | Submission of documents for the recognition in Lithuania of qualification obtained abroad (for those applicants who obtained their education at a foreign higher education institution and do not have a document confirming recognition of their diploma in Lithuania) | 1–15 May 2024 (until 17:00) |

|    |  |  |
|----|--|--|
| 2. | Submission, registration and administrative verification of admission documents  | 5–20 June 2024 (until 17:00)   |
| 3. | Revision of admission documents after administrative verification  | Until 21 June 2024, 14:00  |
| 4. | Submission of appeals regarding the incorrect evaluation of the admission documents and announcement of decisions  | 25 June 2024:<br>8:00–10:00 submission of appeals<br>16:00 announcement of decisions |
| 5. | Interviews with the doctoral committees of science fields  | 26–28 June 2024  |
| 6. | Provision of information to the applicants regarding the final results of the competition in the admission information system of the University (institutions of joint doctoral studies notify their applicants in person) | 28 June 2024, from 16:00   |
| 7. | Submission of appeals regarding the admission results and announcement of decisions  | 1 July 2024:<br>8:00–10:00 submission of appeals<br>16:00 announcement of decisions  |
| 8. | Provision of information to the applicants regarding the final results of the competition in the admission information system of the University (institutions of joint doctoral studies notify their applicants in person) | 2 July 2024, 17:00   |
| 9. | Signing of agreements with the applicants invited to doctoral studies  | 3–4 July 2024, 9:00–16:00  |

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

33. The competition queues are announced in the admission system (institutions of joint doctoral studies notify their applicants in person). Applicants are considered to have been invited to state-funded doctoral studies if their competition score is the highest in the competition queue and they are within the established quota of the study positions.

34. Individuals are considered to have been admitted after they have signed the learning agreement with the University and have been admitted to studies by the order of the head of the institution.

35. Reasoned written appeals regarding incorrect evaluation of admission documents and admission results are submitted to the University Doctoral School within the deadlines set out in the Regulations. The received appeals are examined and the decisions are made by the doctoral committee of the respective science field. Appeals are examined only if they are reasoned and based on objective facts. The responses to the applicants are prepared and provided by the University Doctoral School based on the decision of the doctoral committee of the respective science field.

36. In all the cases not specified in the Regulations, decisions are made 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 applicant's main studies is insufficient in volume or that some of his/her acquired skills are insufficient, the committee may indicate the modules of non-doctoral studies that the applicant is additionally required to study during the first year of doctoral studies. The applicant pays for the additional study modules.

38. The individuals invited to study are required to conclude a learning agreement within the set deadlines. The agreement is only signed with the invited persons who have submitted copies of their diploma and diploma supplement of Master's studies or equivalent qualification.

39. The learning agreement is concluded electronically or signed in person (printed agreement) at the University Doctoral School. When signing the agreement, the applicant has to submit (show) the personal identity document and the originals of diploma(s) and diploma(s) supplement(s) of the acquired qualification specified in the application. The individuals invited to study at the University who are physically abroad within the deadlines set out for signing their learning agreements are provided with the possibility to email the signed learning agreement within the deadlines set out by

the Regulations and send the original agreement to the Doctoral School of the University by registered mail. In this case and if the agreement is signed electronically, the original documents specified in the application have to be submitted (shown) to the Doctoral School of the University upon the arrival to studies. If the person is admitted to joint doctoral studies, the learning agreement is signed at the institution to which the person has been invited to study.

40. If any invited applicants do not conclude their learning agreements within the deadlines set out by the Regulations, their invitation to study at the University is rendered invalid, and, by the decision of the doctoral committee of the science field, the next applicants, who have the highest competition score and who were not invited to study initially, are invited to take the vacant positions, or these positions are transferred to the next stage of admission.

## **CHAPTER V FEES**

41. After the submission of an application for participation in the competition for admission to studies, the applicant has to pay the application fee within the set deadline. The application shall not be examined if the application fee has not been paid.

42. The amounts of application fees and the details of the University bank account for payment are provided in Appendix 7 to the Regulations. The applicants to the positions of joint doctoral studies pay the application fee to the bank account of the institution to which they have submitted the admission application.

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

44. The applicants who have lost both of their parents or guardians as well as the applicants who grew up in orphan homes, provided they were born in 1999 or later, and also the applicants whose level of working capacity is 45% or lower are exempted from the application fee. These applicants 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 participation in the competition for admission to doctoral studies.

46. If an applicant makes the learning agreement for a state non-funded position, a tuition fee for doctoral studies has to be paid within the deadlines specified in the learning agreement. The details of the payment of the tuition fee are provided in Appendix 7 to the Regulations.

47. The annual fee of the doctoral studies for the applicants who have been admitted to state non-funded positions is approved by the decree of the University Senate after the receipt of the information regarding the number of state-funded positions of doctoral studies for 2024 and announced on the University website at <https://stojantiesiems.ktu.edu/doktorantura> and at <https://admissions.ktu.edu/phd/>. The tuition fee for joint doctoral studies for persons admitted to state non-funded positions is approved and announced under the procedure set out by the institutions of joint doctoral studies.

## **CHAPTER VI FINAL PROVISIONS**

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

Appendix 1 to the  
2024 Regulations of Admission to  
Third Cycle Studies at  
Kaunas University of Technology

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

| Field code   | Science/artistic field                 | Institutions of joint doctoral studies   | Form and duration of studies  |
|--|--|--|-------------------------------|
| <b>FIELDS OF RESEARCH DOCTORAL STUDIES COORDINATED BY THE UNIVERSITY</b>             |  |  |                               |
| <b>AREA OF NATURAL SCIENCES</b>  |  |  |                               |
| N 002  | Physics                                | With the participation of the University of Southern Denmark   | Full-time studies,<br>4 years |
| N 003  | Chemistry                              | -  |                               |
| N 009  | Informatics                            | Vytautas Magnus University,<br>Vilnius Gediminas Technical University  |                               |
| <b>AREA OF TECHNOLOGICAL SCIENCES</b>  |  |  |                               |
| T 001  | Electrical and Electronics Engineering | -  | Full-time studies,<br>4 years |
| T 002  | Civil Engineering                      | -  |                               |
| T 004  | Environmental Engineering              | Vytautas Magnus University,<br>Lithuanian Energy Institute   |                               |
| T 005  | Chemical Engineering                   | -  |                               |
| T 006  | Energetics and Power Engineering       | Lithuanian Energy Institute  |                               |
| T 007  | Informatics Engineering                | Vilnius Gediminas Technical University   |                               |
| T 008  | Materials Engineering                  | -  |                               |
| T 009  | Mechanical Engineering                 | Vytautas Magnus University   |                               |
| T 010  | Measurement Engineering                | -  |                               |
| <b>AREA OF SOCIAL SCIENCES</b>   |  |  |                               |
| S 003  | Management                             | -  | Full-time studies,<br>4 years |
| S 004  | Economics                              | Klaipėda University,<br>Lithuanian Energy Institute  |                               |
| <b>AREA OF HUMANITIES</b>  |  |  |                               |
| H 003  | History and Theory of Arts             | -  | Full-time studies,<br>4 years |
| <b>SCIENCE/ARTISTIC FIELDS OF DOCTORAL STUDIES NOT COORDINATED BY THE UNIVERSITY</b> |  |  |                               |
| <b>AREA OF TECHNOLOGICAL SCIENCES</b>  |  |  |                               |
| T 003  | Transport Engineering                  | Vilnius Gediminas Technical University (coordinating institution), Vytautas Magnus University, Klaipėda University               | Full-time studies,<br>4 years |
| <b>AREA OF SOCIAL SCIENCES</b>   |  |  |                               |
| S 002  | Political Sciences                     | Vytautas Magnus University (coordinating institution), General Jonas Žemaitis Military Academy of Lithuania, Klaipėda University | Full-time studies,<br>4 years |
| S 005  | Sociology                              | Vytautas Magnus University (coordinating institution), Lithuanian Social Research Centre   |                               |
| S 007  | Education                              | Lithuanian Sports University (coordinating institution), Vilnius University  |                               |
| <b>AREA OF VISUAL ARTS</b>   |  |  |                               |
| V 001  | Architecture                           | Vilnius Academy of Arts (coordinating institution)   | Full-time studies,<br>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 RESEARCH DOCTORAL STUDIES COORDINATED BY THE UNIVERSITY</b> |  |                           |  |   |
| <b>AREA OF NATURAL SCIENCES</b>  |  |                           |  |   |
| N 002  | Physics                                | 7.5                       | Master's qualification degree or equivalent higher education | 1. Diploma and diploma supplement of the Bachelor's qualification degree.<br>2. One of the submitted recommendations by scientists has to be written by the supervisor of the topic.<br>3. Research proposal on the selected topic.   |
| N 003  | Chemistry                              | 7.5                       | Master's qualification degree or equivalent higher education | 1. Diploma and diploma supplement of the Bachelor's qualification degree.<br>2. One of the submitted recommendations by scientists has to be written by the supervisor of the topic.<br>3. 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 $\geq 30$ . |
| N 009  | Informatics                            | 7                         | Master's qualification degree or equivalent higher education | -   |
| <b>AREA OF TECHNOLOGICAL SCIENCES</b>                                    |  |                           |  |   |
| T 001  | Electrical and Electronics Engineering | 7.5                       | Master's qualification degree or equivalent higher education | Research proposal in the selected topic.  |
| T 002  | Civil Engineering                      | 8                         | Master's qualification degree or equivalent higher education | 1. One of the commendations by scientists has to be written by the supervisor of the topic.<br>2. Research proposal on the selected topic.  |
| T 004  | Environmental Engineering              | 7                         | Master's qualification degree or equivalent higher education | -   |
| T 005  | Chemical Engineering                   | 8                         | Master's qualification degree or equivalent higher education | 1. Diploma and diploma supplement of the Bachelor's qualification degree.<br>2. One of the submitted recommendations by scientists has to be written by the supervisor of the topic.<br>3. 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 $\geq 30$ . |
| T 006  | Energetics and Power Engineering       | 8                         | Master's qualification degree or equivalent higher education | -   |

|                                |                            |     |  |   |
|--------------------------------|----------------------------|-----|--|---|
| T 007                          | Informatics Engineering    | 7   | Master's qualification degree in the fields of Physics, Mathematics or Informatics in the study fields of Technological Sciences or Natural Sciences | <ol style="list-style-type: none"> <li>1. One of the submitted recommendations by scientists has to be written by the supervisor of the topic, including the supervisor's written agreement to supervise the applicant if the latter is invited to study.</li> <li>2. The applicants must have at least one scientific publication published or admitted for publication and submit its copy; otherwise, the application is not considered.</li> <li>3. Research proposal on the selected topic.</li> </ol> |
| T 008                          | Materials Engineering      | 7.5 | Master's qualification degree or equivalent higher education   | <ol style="list-style-type: none"> <li>1. Diploma and diploma supplement of the Bachelor's qualification degree.</li> <li>2. One of the submitted recommendations by scientists has to be written by the supervisor of the topic.</li> </ol>  |
| T 009                          | Mechanical Engineering     | 8   | Master's qualification degree or equivalent higher education   | <ol style="list-style-type: none"> <li>1. The weighted grade point average (Vs) of the evaluations recorded in the Master's diploma supplement has to be at least 8.0.</li> <li>2. One of the submitted recommendations by scientists has to be written by the supervisor of the topic.</li> </ol>  |
| T 010                          | Measurement Engineering    | 7.5 | Master's qualification degree or equivalent higher education   | Research proposal in the selected topic.  |
| <b>AREA OF SOCIAL SCIENCES</b> |                            |     |  |   |
| S 003                          | Management                 | 8   | Master's qualification degree or equivalent higher education   | <ol style="list-style-type: none"> <li>1. A written motivation letter in which the applicant justifies his/her motivation to apply to doctoral studies.</li> <li>2. One of the submitted recommendations by scientists has to be written by the supervisor of the topic.</li> <li>3. Research proposal on the selected topic.</li> </ol>  |
| S 004                          | Economics                  | 8   | Master's qualification degree or equivalent higher education   | One of the submitted recommendations by scientists has to be written by the supervisor of the topic.  |
| <b>AREA OF HUMANITIES</b>      |                            |     |  |   |
| H 003                          | History and Theory of Arts | 8   | Master's qualification degree or equivalent higher education   | -   |

<sup>1</sup> All the applicants have to meet the main and additional admission requirements.

### SELECTION CRITERIA AND THEIR WEIGHTED COEFFICIENTS

| No. | Science field, code                           | Weighted grade point average of the diploma supplement (Vs) | 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, N 002                                | 0.35 <sup>1</sup>   | 0.4 <sup>2</sup>                      | 0.1   | 0.05  | 0.1  |
| 2.  | Chemistry, N 003                              | 0.5   | 0.3                                   | -   | 0.05  | 0.15   |
| 3.  | Informatics, N 009                            | 0.45  | 0.3                                   | -   | 0.05  | 0.2  |
| 4.  | Electrical and Electronics Engineering, T 001 | 0.35  | 0.35                                  | 0.05  | -   | 0.25   |
| 5.  | Civil Engineering, T 002                      | 0.45  | 0.30                                  | 0.1   | -   | 0.15   |
| 6.  | Environmental Engineering, T 004              | 0.5   | 0.3                                   | -   | -   | 0.2  |
| 7.  | Chemical Engineering, T 005                   | 0.4   | 0.3 <sup>3</sup>                      | -   | 0.05  | 0.25   |
| 8.  | Energetics and Power Engineering, T 006       | 0.3   | 0.4                                   | -   | 0.05  | 0.25   |
| 9.  | Informatics Engineering, T 007                | 0.3   | 0.4 <sup>4</sup>                      | 0.1   | -   | 0.2  |
| 10. | Materials Engineering, T 008                  | 0.35 <sup>1</sup>   | 0.55                                  | -   | 0.05  | 0.05   |
| 11. | Mechanical Engineering, T 009                 | 0.45  | 0.3                                   | -   | 0.05  | 0.2  |
| 12. | Measurement Engineering, T 010                | 0.35  | 0.4                                   | 0.05  | -   | 0.2  |
| 13. | Management, S 003                             | 0.3   | 0.3                                   | 0.15  | -   | 0.25   |
| 14. | Economics, S 004                              | 0.4   | 0.3                                   | -   | -   | 0.3  |
| 15. | History and Theory of Arts, H 003             | 0.2   | 0.65 <sup>5</sup>                     | -   | -   | 0.15   |

<sup>1</sup> The weighted point grade average of the Bachelor's diploma supplement is evaluated by **0.1 points**;

The weighted point grade average of the Master's diploma supplement is evaluated by **0.25 points**.

<sup>2</sup> Research experience to be evaluated: publications (in the publications referred in the *Clarivate Analytics Web of Science* database, conference proceedings) and research experience (participation in research projects, research funded by the Research Council of Lithuania or other institutions, winners of the competitions organised by the Lithuanian Academy of Sciences or other scientific and innovation organisations, oral or poster presentations at national and international conferences).

<sup>3</sup> Research experience to be evaluated: scientific publications or a research paper, other research experience, scientific qualifications, relevance of scientific publications and research experience to the topic of doctoral studies.

<sup>4</sup> Research experience to be evaluated: publications evaluated according to the current description of 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 scientific qualifications, relevance of scientific publications and research experience to the topic of doctoral studies.

<sup>5</sup> Research experience to be evaluated: publications evaluated in points according to the current description of 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 a research paper.

**0.2 points** is given for other research experience (participation in research projects, conferences, publications prepared and submitted for printing, preparation of lectures, etc.) and the relevance of the scientific qualification to 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 has to be an individual (i.e., independently written) paper demonstrating the applicant's theoretical and methodological knowledge as well as research experience in the topic to which he/she is applying, skills of critical thinking, originality of the ideas, and ability to conduct research work.

2. An applicant guarantees that the submitted research paper is an original work and that no copyrights of the 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 out by the legislation of the Republic of Lithuania.

3. The research paper is prepared according to the following recommended 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 title of the research paper has to comply with the dissertation topic specified in the application;

3.4. The research paper has to include the following sections:

A. Introduction: a summarised description of the relevance and significance of the research which contains the formulated scientific problem, the aim, the objectives, and the expected results;

B. Literature review: a review of the most recent sources of scientific literature (research papers, monographs, patents) on the dissertation topic is provided while also identifying how the planned research would contribute to gaining new knowledge;

C. Research methodology: potential research methods or methodology are defined, thus describing how the applicant expects to obtain and analyse the data;

D. 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 can be checked by the similarity checking system *Turnitin* used by Kaunas University of Technology which is used to identify similarities in the submitted document with texts published online and in the databases of academic publishers, as well as with the documents previously uploaded to the system with the objective to recognise possible cases of fraud in text formatting. The generated percentage of similarity and a summary of the originality report are forwarded to the doctoral committee of the science field.

5. The research paper is evaluated by the members of the doctoral committee of the science field. The arithmetic average of their evaluation scores is the final score of the applicant's research paper which is rounded to the nearest whole number. The highest possible evaluation score is 10 points.

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

1. A research proposal is prepared for each dissertation topic specified in the application (for example, two research proposals are prepared if the person is applying to two topics).
2. The research proposal is intended for the evaluation of the applicant's theoretical knowledge of the topic to which he/she applies, the skills of critical thinking, the originality of the ideas, and the ability to formulate ideas.
3. The research proposal is prepared according to the following recommended requirements:
  - 3.1. The volume of the research proposal is up to 6,000 characters (including spaces), i.e., approximately 2 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. A research proposal contains a summarised description of the relevance of the research proposed in the specified topic, the formulated scientific problem, the aim and objectives 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.
4. An applicant's research proposal is submitted for comments and proposed evaluation (in points) by the supervisor of the dissertation topic/thematic area to which the applicant is applying before the hearing of the meeting of the doctoral committee of the science field.
5. The members of the doctoral committee of the science field evaluate the applicant's research proposal while taking into consideration the comments and the proposed evaluation by the supervisor of the topic/thematic area.
6. The arithmetic average of the evaluation scores of the members of the doctoral committee of the science field who have evaluated the research proposal is the final score for the applicant's research proposal; the average is rounded to the nearest whole number. The highest possible evaluation score is 10 points.

## PROCEDURE, AREAS AND CRITERIA OF THE INTERVIEW EVALUATION

1. The evaluation of the interview of the applicant to doctoral studies is conducted by the members of the doctoral committee of the science field to which the applicant applies. Before the interview, the members of the doctoral committee read the submitted admission documents of each applicant.

2. An applicant's participation in the meeting for admission to doctoral studies of the doctoral committee of the science field is mandatory.

3. If the applicant 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 applicant individually. The supervisor of the topic/thematic area selected by the applicant is also allowed to participate in the interview with the applicant if the committee of the science field agrees.

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

6. During the interview, questions are posed to the applicant according to the areas of the interview evaluation (Table 1). The members of the doctoral committee of the science field may pose additional questions for the evaluation of the applicant's motivation and level/knowledge of the foreign (English) language.

7. The members of the doctoral committee of the science field evaluate the interview individually. The guidance criteria for the interview evaluation are provided 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 applicant's motivation; the average is rounded to the nearest whole number. The highest possible evaluation score is 10 points.

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

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

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

| Criteria of interview evaluation   | Evaluation in points |
|--|----------------------|
| An applicant delivers clear, precise and well-grounded answers to the provided questions; the answers are illustrated by specific examples and personal experience; the applicant presents a reasoned personal opinion and demonstrates the proper linguistic etiquette. | 2.5                  |

|   |     |
|---|-----|
| An applicant's answers lack clarity, accuracy, well-grounded arguments, specific examples and reasoned personal opinion; however, the deficiencies are minor, and the applicant demonstrates the proper linguistic etiquette.                               | 1.5 |
| An applicant's answers are not clear, precise or well-grounded, they are only vaguely related to the provided question(s); the answers contain general and standard phrases; the applicant demonstrates a medium or poor level of the linguistic etiquette. | 0.5 |
| An applicant fails to answer the provided question(s); the answers are not related to the provided question(s).   | 0   |

Appendix 7 to the  
2024 Regulations of Admission to  
Third Cycle Studies at  
Kaunas University of Technology

**DETAILS OF THE BANK ACCOUNTS FOR PAYMENT OF THE APPLICATION FEE  
AND TUITION FEES TO KAUNAS UNIVERSITY OF TECHNOLOGY**

| <b>Fee</b>   | <b>Application fee<sup>1</sup></b>   |   | <b>Tuition fee</b>   |
|--|--|---|--|
| <b>Amount of the fee</b>                                       | 50 EUR<br><i>for Lithuanian<br/>and European<br/>Union citizens</i>  | 120 EUR<br><i>for citizens of<br/>other countries</i> | The price is specified in the<br>learning agreement<br><i>for students admitted to state<br/>non-funded doctoral studies</i> |
| <b>Fee code</b>  | 2881   |   | 103161   |
| <b>Payment description</b>                                     | Application fee  |   | For studies  |
| <b>Recipient</b>   | Kaunas University of Technology  |   |  |
| <b>Recipient bank:</b>   |  |   |  |
| <b>Name of 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>Data specified in the<br/>section of the payer<br/>code</b> | The applicant's/student's personal identification number   |   |  |
| <b>Additional<br/>information</b>                              | It is required to specify the name and surname of the applicant/student in<br>the description of the payment |   |  |

<sup>1</sup>The persons specified in Paragraph 44 of the 2024 Regulations of Admission to Third Cycle Studies at Kaunas University of Technology are exempted from the payment of the application fee.