Recruitment rules for the Doctoral School
Wrocław University of Science and Technology for the academic year 2021/2022

§ 1

1. The Wrocław University of Science and Technology has one doctoral school in twelve educational disciplines, in which the university is authorized to award the academic degree of doctor:
   1) architecture and urban planning,
   2) automation, electronic, and electrical engineering,
   3) information and communication technology,
   4) biomedical engineering,
   5) chemical engineering,
   6) civil engineering and transport,
   7) mechanical engineering,
   8) environmental engineering, mining, and energy,
   9) mathematics,
   10) chemical sciences,
   11) physical sciences,
   12) management and quality studies.
2. Doctoral education is not be subject to fees.

§ 2

A person, including a foreigner, may be admitted to the Doctoral School, except for the fixed number of places, if he or she has funding granted from other sources outside the University to cover the costs of education

§ 3

Recruitment to the Doctoral School takes place in educational disciplines through a competition and is based on a point system.

§ 4

A person holding M.Sc. degree or an equivalent degree, or in exceptional cases, justified by the highest quality of scientific achievements, a person who completed first-cycle studies (bachelor), or who completed the third year of uniform studies (long-cycle master studies) may be admitted to the Doctoral School.

§ 5

Persons, including foreigners, may apply for admission to the Doctoral School if:
1) have a diploma obtained in Poland confirming getting the professional title of master, master engineer or an equivalent;
2) have a document confirming the completion of first-cycle studies or are a student who has completed the third year of long-cycle master studies and show the highest quality of scientific achievements;
3) have a diploma confirming completion of studies abroad, giving the right to apply for the PhD degree in the country in which the University that issued the diploma operates;
4) have a diploma that has been recognized as equivalent to the Polish diploma and title based on an international agreement specifying equivalence, and in the absence of such – through the recognition procedure;
5) have completed a second-cycle study program at the University or will complete these studies and provide a document confirming the completion of studies by the end of the recruitment procedure specified in the recruitment schedule.

§ 6

To be admitted to the Doctoral School, knowledge of the English language is required, confirmed by a certificate or diploma of completion of studies at least B2 level. The list of certificates and diplomas confirming the knowledge of the English language at the required level is provided in Appendix 1.

§ 7

The number of places for persons who will be admitted to the Doctoral School in individual twelve educational disciplines and the recruitment schedule is set by the Rector.

§ 8

The detailed rules considering the conditions and procedure of recruitment to the Doctoral School based on the point system are set out in § 22-26.

§9

Before registering in the recruitment system, a candidate for the Doctoral School is obliged to:

1) select a potential supervisor from the list of supervisor for a discipline available on the website of the Doctoral School: https://szd.pwr.edu.pl/;
2) have a conversation with the potential supervisor regarding the initial concept of the doctoral dissertation;
3) get the consent of the potential supervisor to undertake the supervision, together with the declaration of the head of the department where the doctoral dissertation would be conducted on the provision of required research resources for the duration of the doctoral dissertation in the event of admission to the Doctoral School.

§ 10

The condition for considering the application for admission to the doctoral school is:

1) prior contact with a potential supervisor in order to obtain the documents referred to in § 9 sec. 3;
2) registering in the recruitment system;
3) filling in the candidate's card in the university's recruitment system;
4) delivering a set of documents referred to in § 12 within the time limit stated in the recruitment schedule.

§ 11

1. Candidates with disabilities who have a disability certificate shall be provided - upon their request - with assistance and facilities in the recruitment process, according to individual needs.
2. The application referred to in sec. 1 should be submitted to the Dean of the Doctoral School no later than on the last day of accepting documents from candidates for the Doctoral School specified in the recruitment schedule.

§ 12

The candidate for the Doctoral School submits the following documents by the date specified in the recruitment procedure:

1) Candidate's card for the Doctoral School referred to in § 21.
2) CV.
3) Diploma confirming obtaining the professional title of master, master engineer or an equivalent, and in the case of persons referred to in § 5 point 5, the candidate's declaration confirmed by the dean's office about completing the second-cycle study program

and the planned date of graduation before the announced date completion of recruitment. However, in the case of people who show the highest quality of scientific achievements, a document confirming the completion of first-cycle studies or a document confirming that the candidate is a student who has completed the third year of uniform long-cycle master studies.

4) CGPA (Culmulative Grade Point Average) for first and second cycle studies or for long-cycle master studies (transcript of records). In the case of the last semester of studies not yet completed, the grades from all semesters of studies, excluding the last semester, are included in the average result.
5) Photograph (electronic version).
6) Characteristics of scientific activity and scientific achievements.
7) Statement of the potential supervisor on undertaking the supervision, together with the declaration of the head of the department in which the doctoral dissertation would be carried out on the provision of a required research resources for the duration of the doctoral dissertation with admission to the Doctoral School.
8) Description of the initial concept of the doctoral dissertation under § 24 approved by the potential supervisor (no longer than 2 A4 pages).
9) Document confirming the command of the English language at B2 level (diploma supplement or certificate of the grade obtained from the language course at B2 level, language certificate or other document compliant with Appendix 1).
10) Signed information clause and consent clause regarding recruitment to the Doctoral School of the Wrocław University of Science and Technology, downloaded from the website of the Doctoral School: https://szd.pwr.edu.pl/.

§ 13

1. The recruitment procedure, including interviews to the Doctoral School, is conducted by recruitment committees for the educational discipline appointed by the Dean of the Doctoral School.
2. If one member of the selection committee is a potential supervisor previously indicated by the candidate, she or he will not take part in the evaluation of that candidate.
3. Information on recruitment, including the number of places for people who will be admitted to the Doctoral School in individual educational disciplines, the recruitment schedule, place of submission of documents and the date of the interview are published on the website of the Doctoral School: https://szd.pwr.edu.pl/en/.
4. The ranking list is determined separately for each educational discipline on the basis of the recruitment points obtained by individual candidates, awarded under the rules set out in § 22-26.
5. Candidates are qualified depending on their position on the ranking list, up to the number of places awarded for a given educational discipline, however, it is required to get the minimum recruitment score specified in § 22 sec. 6.

§ 14

The results of the recruitment procedure competition are public. After being handed over to the Rector, the competition results are announced on the website of the Doctoral School.

§ 15

Based on of the recruitment results, admission to the doctoral school is conducted by way of entry in the register of doctoral students.

§ 16

Refusal of admission to the Doctoral School takes place by an administrative decision of the Rector. The person who is refused admission to the Doctoral School based on the recruitment results, is served with the Rector's decision. There is no appeal against this decision.

§ 17

From the Rector's decision not to admit to the Doctoral School, a person dissatisfied with the decision is entitled to an application for reconsideration submitted to the Rector through the Dean of the Doctoral School, within 14 days from the date of delivery of the decision.

§ 18

Representatives of the Doctoral Students Self-Government may take part in the recruitment procedure as observers, on the terms specified by the Dean of the Doctoral School.

§ 19

A person admitted to the Doctoral School begins education and gains the rights of a doctoral student upon taking the oath and signing the oath. A doctoral student at the Doctoral School of Wrocław University of Science and Technology cannot be a doctoral student at another doctoral school at the same time.

§ 20

The Rector provides compulsory training on safe and hygienic conditions of education, not less than 4 hours, for doctoral students starting their education at the Doctoral School, considering the specificity of education and the type of technical equipment used in the education process.

§ 21

The specimen of the candidate's card for the Doctoral School is determined by the Dean of the Doctoral School after obtaining the opinion of the Doctoral School Council.

§ 22

1. Candidates are assessed against five criteria:
   1) Grades obtained in the course of higher education (detailed rules are specified in § 23).
   2) Command of the English language (in accordance with Appendix 1 to the Admission Rules containing the scoring method depending on the obtained certificates and diplomas).
   3) Description of the initial concept of the doctoral dissertation (detailed rules are specified in § 24).
   4) Scientific activity or research and development activity (detailed rules are specified in § 25).
   5) Interview (detailed rules are set out in § 26).
2. The recruitment score is determined according to the formula $\boldsymbol{W = \sum_{i=1}^{5} k_i p_i}$, where $\boldsymbol{k_i}$ is the weight of the *i*-th recruitment criterion and $\boldsymbol{p_i}$ is the number of points obtained in the *i*-th criterion.
3. The weights of the individual evaluation criteria $\boldsymbol{k_i}$ (i = 1, 2, 3, 4, 5) are:
1) $\boldsymbol{k_1 = 2}$ (criterion: grades obtained in the course of higher education).
2) $\boldsymbol{k_2 = 2}$ (criterion: command of the English language).
3) $\boldsymbol{k_3 = 1}$ (criterion: description of the initial concept of the doctoral dissertation).
4) $\boldsymbol{k_4 = 3}$ (criterion: scientific activity or research and development activity).
5) $\boldsymbol{k_5 = 3}$ (criterion: interview).
4. Points $\boldsymbol{p_i}$ (i = 1, 2, 3, 4, 5) for each of the evaluation criteria are awarded by the selection committee on a scale from 0 to 10.
5. The recruitment result is negative when the candidate gets $\boldsymbol{p_i = 0}$ points for one or more evaluation criteria.

6. The condition for admission to the Doctoral School is getting a recruitment point score of at least 50 points. out of 100 possible.

§ 23

1. Let S_1 denote the CGPA obtained during the first cycle studies, S_2 denote the CPGA got during the second cycle studies and S denote the CPGA obtained during the uniform studies (long-cycle master studies). The result of completed studies W is calculated as follows:
   1) With completed two-cycle studies, the first and second cycle grades $W = 0{,}5 \times (S_1 + S_2)$ are considered.
   2) With completed uniform studies $W = S$.
   3) With the not yet completed last semester of second-cycle studies, grades from all semesters of the second-cycle studies, excluding the last semester and are included in the S_2 indicator, and $W = 0{,}5 \times (S_1 + S_2)$.
   4) With unfinished uniform studies, grades from all semesters of studies, excluding the last semester are included in S and $W = S$.
2. The number of points p_1 in the evaluation criterion grades obtained in the course of higher education, referred to in § 22 sec. 2 is assigned in accordance with the table below based on the W ratio calculated in accordance with sec. 1.

Result of completed studies *W*	**Points p_1**
at least 4,90	10
[4,80, 4,90)	9
[4,70, 4,80)	8
[4,60, 4,70)	7
[4,50, 4,60)	6
[4,40, 4,50)	5
[4,30, 4,40)	4
[4,10, 4,30)	3
[3,90, 4,10)	2
below 3,9	1

3. When calculating the number of points p_1 with candidates who obtained a diploma abroad, the grading scale used at Wrocław University of Science and Technology is considered. Therefore, the grading scale used at the university that issued the foreign diploma is converted accordingly.

§ 24

1. The description of the initial concept of the doctoral dissertation should not be longer than 2 A4 pages and should contain:
   1) Name and surname of the candidate.
   2) The discipline in which the doctoral dissertation will be prepared.
   3) Thematic scope of the doctoral dissertation, including the initial definition of the research problem.
   4) Justification for the selection of the thematic scope of the doctoral dissertation.
2. The description of the initial concept of the doctoral dissertation should be prepared in Polish or in English.
3. The description of the initial concept of the doctoral dissertation should be approved by the potential supervisor.

4. When assigning the number of points p_3 in the criterion, the description of the initial concept of the doctoral dissertation referred to in § 22 sec. 2, the following procedure is used:

1) Each member of the selection board assigns points on a scale from 0 to 10.
2) The final result is the arithmetic mean of the awarded points.
3) If a member of the selection committee is a potential supervisor indicated by the candidate, she or he does not participate in the assigning of points.

§ 25

1. The number of points p_4 in the criterion of scientific activity or research and development activity referred to in § 22 sec. 2 is assigned according to separate rules for individual disciplines as described below.

1) Discipline: architecture and urban planning,

The assessment covers:

a) scientific publications (scientific monographs or their editors, chapters in scientific monographs, scientific articles), citations and textbooks,
b) participation in conferences, seminars, trainings, workshops and research clubs,
c) obtained patents,
d) grants and research projects,
e) scholarships obtained through competition and other awards in competitions,
f) domestic or foreign internships and apprenticeships,
g) additional studies, postgraduate studies, acquired qualifications, completed specialist courses,
h) participation in the work of a research club.

All presented and documented (confirmed) scientific achievements of the candidate are assessed.

The p_4 value is determined based on the candidate's position on the ranking list of scientific activity or research and development activity. Ranking lists of scientific activity or research and development activity will be arranged based on the following point system:

- pubications:

Publication type	**Maximum number of points**	**Remarks**
scientific monographs	40	– in the following format: title, names of all authors, date (month and year) and place of publication, name of the publisher together with ISSN, ISBN or ISAN number; – scientific articles in the following format: title, names of all authors, date (month and year), journal name, current score according to the Ministry of Science and Higher Education, including the number on the current list; – report in the format: title, all authors' names, date (month and year), number;
editing of scientific monographs	20	
original chapters in scientific monographs	15	
scientific articles	15	
	15 + x	
other books (textbooks)	10	
original chapters in books (textbooks)	5	
reports	2	
citations	5	

		– the description should include the number of co-authors of the publication and the percentage share of each of them in its development; in the case of a multi-author publication, the number of points is divided proportionally by the number of authors; – in the case of publication of the article in a bulleted journal, the score should be consistent with the score for the article and add the score (x) from the list of the Ministry of Science and Higher Education for 2016 or the score for publications with Impact Factor according to the JCR list. – publications are not articles in supplements, conference materials, as well as popular science and non-scientific articles. The scientific article is not: editorial, abstract, extended abstract, letter, review, errata, and editorial note; – citation based on the Web of Science database; does not include self-citations;

- participation in conferences, seminars, trainings, workshops and research clubs,

Type of event	**Participation**	**Maximum number of points**
international conference	paper	10
	poster/ short paper	5
	passive	2
national conference	paper	5
	poster/ short paper	2
	passive	1
university seminar	paper	2
participation in workshops, courses, science school	international	3
	national	1
participation in the conference / training / workshop as a moderator / tutor	-	3
active participation in a research club		3

- patents

Type of activity	Maximum number of points	Remarks
patent granted by the Patent Office	5	– specify the number of co-authors of the patent; the number of points is divided by the number of authors proportionally
industrial design registration right granted by the Patent Office	3	

- grants and research projects

Type of activity	Maximum number of points		Remarks
implementation of own grant	nationwide	40	– Implemented grants, research projects - participation as a manager or contractor listed in the documentation – at the application stage, or as a contractor on the basis of a contract. A grant is understood as subsidies received from state scientific institutions (PAN, PIAP, etc.), state subsidies (governmental, ministerial, self-governmental, e.g. NCN and NCBR etc.), subsidies from European and international institutions - family (European Union, etc.) to carry out a specific research project. – An international grant is a grant implemented by foreign research centers or in cooperation / consortium of Polish and foreign research centers. – Microgrant is co-financing in the amount of up to PLN 25,000 granted in a competition, e.g. by local governments
	international	50	
participation in the implementation of a national or international grant	10		
microgrant	3		

- scholarships obtained through competition and other awards in competitions

Type of activity	Maximum number of points		Remarks
scholarships, awards, scientific distinctions	international	5	– scholarships or one-time grants related to scientific activity or other prizes / awards granted through a competition of a
	nationwide	4	
	local, voivodship	3	
awards, distinctions related to academic activity	international	4	
	nationwide	3	
	local, voivodship	2	

awards and distinctions related to design / artistic practice	international	10 / 8 / 6 / 3	scientific nature or related to academic activity or doctoral achievements related to design / artistic practice
	nationwide	8 / 6 / 4 / 2	
	local, voivodship	6 / 4 / 2 / 2	
	consecutively scoring for: 1st place, 2nd place, 3rd place, distinction		
participation in exhibitions	international	2	
	nationwide	1	
	In the following format: name of the exhibition, names of co-authors, place, date (month and year)		
participation in architectural competitions	international, national	1	

- domestic or foreign internships and apprenticeships, additional studies

Type	**Length**	**Maximum number of points**	**Remarks**
stay in an academic center for research purposes	Less than 1 month	5	- Professional internship - it is a professional practice in the preparation of construction and executive designs, urban or planning designs, or an internship in public administration units in the field of architecture, urban planning or spatial planning. The internship is assessed depending on the duration of the internship; - Obtaining limited / unlimited professional qualifications is an important element of improving the qualifications of a doctoral student and gives the opportunity to fully participate in research and design works and in the teaching process.
	1-3 months	8	
	3-6 months	10	
	above 6 months	12	
Erasmus	one semester	5	
	two semester	10	
professional internship	3-6 months	2	
	above 6 months	4	
portfolio	-	0-5	
professional qualifications in design		10	

- participation in the work of a research club

- chairing of the research club 5 points

- participation in the research club 2 points

The p_4 value is determined based on the candidate's position in the research activity ranking list. The number of p_4 points awarded on the basis of internal scoring is specified in the table:

Internal scoring	Ranking position by internal score	Assigned points p4
0 points (lack of research activity	–	0
the lowest (the worst assessed research activity)	lowest	1
intermediate values (assessed research activity)	position	2–9 awarded on a linear basis according to the internal scoring
the highest (highest rated research activity)	highest	10

2) Discipline: automation, electronic, and electrical engineering

All presented and documented (confirmed) scientific achievements of the candidate are subject to evaluation based on the following scoring system:

Type of activity	Points
Scientific publications	0-3
Participation in conferences and research; and development projects	0-3
Internships and apprenticeships, student research club	0-3
Other	0-1

When assessing the criterion of scientific activity or research and development activity, the following procedure is used: each member of the selection committee assigns points on a scale from 0 to 10, in accordance with the listed evaluation components. The final score is the arithmetic mean of the points awarded.

3) Discipline: information and communication technology

If at a given stage of the assessment in this category the sum of points reaches $p_4 = 10$ points, this value is considered final. All presented and documented (confirmed) scientific achievements of the candidate are subject to evaluation based on the following scoring system:

Type of activity			Points
Science publications (scientific monographs or their editors, chapters in scientific monographs, scientific articles), citations and textbooks			
From the list of the Ministry of Science and Higher Education of scientific journals and reviewed materials from international conferences	Score up to 40 points, according to the list	main author	3
		not main author	2
	Score up to 40 points, according to the list	main author	5
		not main author	4

Not included in the list of the Ministry of Science and Higher Education	1
Participation (passive or active, e.g. as an organizer) in conferences, seminars, training sessions, workshops and research clubs	
For participation in the number of events up to 2	1
For participation in the number of events above 2	2
Obtained patents	
Granted by the Patent Office	up to 5
Industrial design registration law	up to 3
Grants and research projects	
Own domestic	up to 4
Own international	up to 5
Participation in a grant or own microgrant	up to 2
Scholarships obtained through competition and other awards in competitions	
National scholarships	up to 3
International scholarships	up to 5
Local and regional awards	up to 1
National awards	up to 2
International awards	up to 3
Domestic or foreign internships and apprenticeships, including work experience (related to the discipline information and communication technology)	
Completed student internships	1
Professional experience or national research internship	2
International research internship	3
Additional higher education, postgraduate studies, acquired rights, completed specialist courses (final score according to the degree of doctorate)	
Stand-alone online courses (one for a PhD topic or more general in the discipline information and communication technology)	2
Specialized courses	4
Postgraduate studies	5

4) Discipline: biomedical engineering

If at a given stage of the assessment in this category the sum of points reaches $p_4 = 10$ points, this value is considered final. All presented and documented (confirmed) scientific achievements of the candidate are subject to evaluation based on the following scoring system:

Type of activity	**Maxiumu number of points**
Scientific publications (status required: published or accepted for publication):	
publication in journals and monographs from the JCR list	5
publication in journals and monographs from the list of the Ministry of Science and Higher Education in Poland	3
publication in other scientific journals, monographs, or in peer-reviewed conference materials	2
Patents	
granted by the Patent Office	5
industrial design registration right	3
Research grants	

own international	5
own domestic	4
participation in a grant or own microgrant	2
Competitions won, scholarships obtained	
international scholarship	5
national scholarship	3
international award	5
national award	3
local and regional award	2
Domestic or foreign internships and internships (only optional for at least 1 month, including work experience, if related to the development of skills for the implementation of the doctorate)	
international	3
nationwide	2
Own participation in conferences or workshops	
presentation in English	3
speech in the national language	2
poster presentation	1
passive participation (if related to the development of skills for the implementation of the doctorate)	0,5
Other scientific or professional activity (for all the achievements listed below you can get a maximum of 4 points)	
activity in a research club, taking into account the period of activity, function, list of activities	2
organization of conferences, taking into account the rank of the conference and functions in the organizing committee	2
additional higher education, if useful in pursuing a doctorate	2
postgraduate studies, if useful in pursuing a doctorate	2
acquired rights, if useful in the implementation of the doctorate	1
completed specialized courses, if useful for the implementation of a doctorate	1
specific skills to be used in teaching	1
other achievements or organizational activities, if useful in the implementation of the doctorate	2

5) Discipline: chemical engineering

The assessment covers:

a) scientific publications (works accepted for publication: scientific monographs or their editors, chapters in scientific monographs, scientific articles), citations and scripts,
b) participation in conferences, seminars, trainings, workshops and research clubs,
c) patent applications and / or obtained patents,
d) participation in grants and research projects,
e) scholarships obtained through competition and other awards in competitions,
f) domestic or foreign internships and apprenticeships,
g) additional studies, postgraduate studies, acquired qualifications, completed specialist courses,
h) participation in the work of a research club.

If at a given stage of the assessment in this category the sum of points reaches $p_4 = 10$ points, this value is considered final. All presented and documented (confirmed) scientific achievements of the candidate are subject to evaluation based on the following scoring system:

Type of activity	Points
Publications	
Article / publication in a journal / book of international scope Article / publication in a national journal / book	5
Article / publication in a journal / book of international scope Article / publication in a national journal / book	1
Participation in conferences, seminars, trainings, workshops and research clubs	
Individual presentation at an international conference in the form of an oral presentation	4
Individual presentation at a national conference in the form of an oral presentation	2
Individual presentation at an international conference in the form of a poster presentation	2
Individual presentation at the national conference in the form of a poster presentation	1
Individual presentation at an international student conference in the form of an oral presentation	2
Individual presentation at the student national conference in the form of an oral presentation	1
Individual presentation at an international student conference in the form of a poster presentation	1
Individual presentation at the student national conference in the form of a poster presentation	0,5
Patent applications and / or obtained patents	
Obtained patents	3
Patent application	2
Participation in grants and research projects	
Managing a research project	5
The role of the contractor in a scientific-research project	2
Scholarships obtained through competition and other awards in competitions	
Scholarships obtained through competition	2
International award for scientific achievement	5
National award for scientific achievements	3
Domestic or foreign internships and apprenticeships	
Long-term internship abroad (1 month or more)	5
Long-term national internship (1 month or more)	2
Short-term internship abroad (1-4 weeks)	3
Long-term national internship (1-4 weeks)	1
Other activities	
Postgraduate studies	2
Completed specialist courses	1,5
Participation in the work of a research club	1,5

6) Discipline: civil engineering and transport

All presented and documented (confirmed) scientific achievements of the candidate are subject to evaluation based on the following scoring system:

Activity	Points
scientific publications (scientific monographs or their editors, chapters in scientific monographs, articles published in scientific journals and in conference materials), citations and scripts	0-3
participation in conferences, seminars, trainings, workshops and research clubs	0-2
patent and utility model applications, obtained patents and protection rights for utility models, participation in grants and research projects	0-1
scholarships obtained through competition and other awards in competitions, distinctions	0-1
domestic or foreign internships and apprenticeships	0-1
additional higher education, postgraduate studies, acquired rights, completed specialist courses	0-2

7) Discipline: mechanical engineering

If at a given stage of the assessment in this category the sum of points reaches $p_4 = 10$ points, this value is considered final. All presented and documented (confirmed) scientific achievements of the candidate are subject to evaluation based on the following scoring system:

Type of activity	Points
Scientific publications (points divided by the number of authors)	
Article / publication in a journal / book of international scope	5
Article / publication in a national journal / book	1
Obtained patents	3
Taking part in conferences	
Individual presentation at an international conference in the form of an oral presentation	4
Individual presentation at a national conference in the form of an oral presentation	2
Individual presentation at an international conference in the form of a poster presentation	2
Individual presentation at the national conference in the form of a poster presentation	1
Individual presentation at an international student conference in the form of an oral presentation	2
Individual presentation at the student national conference in the form of an oral presentation	1
Individual presentation at an international student conference in the form of a poster presentation	1
Individual presentation at the student national conference in the form of a poster presentation	0,5
Awards	
International award for scientific achievement	5
National award for scientific achievements	3

Scholarships obtained through competition	2
Other prizes in competitions	1
Grants and research projects	
Managing a research project	5
The role of the contractor in a scientific-research project	2
Scientific internships	
Long-term internship abroad (1 month or more)	5
Long-term national internship (1 month or more)	2
Short-term internship abroad (1-4 weeks)	3
Short-term national internship (1-4 weeks)	1
Additional activities	
Postgraduate studies	2,5
Acquired rights	2
Completed specialist courses	1,5
Participation in the work of a research club	1,5

8) Discipline: environmental engineering mining and energy

The assessment covers:

a) scientific publications (scientific monographs or their editors, chapters in scientific monographs, scientific articles), citations and scripts,
b) participation in conferences, seminars, trainings, workshops,
c) obtained patents,
d) grants and research projects,
e) scholarships obtained through competition and other awards in competitions,
f) domestic or foreign internships and apprenticeships,
g) additional university studies, postgraduate studies, acquired rights, completed specialist courses,
h) participation in the work of associations, scientific and technical organizations, research clubs.

All presented and documented (confirmed) scientific achievements of the candidate are assessed. When assessing scientific or research and development activity, the following procedure is used: each member of the selection committee awards points on a scale from 0 to 10, with the proviso that the candidate cannot receive more than 5 points, if he does not have published or approved to print scientific publications, a delivered or pre-approved conference paper or granted patents. The final p_4 score is the arithmetic mean of the points awarded.

9) Discipline: mathematics

The assessment covers:

a) scientific articles on mathematics or its applications, accepted for publication or published during first and second cycle studies or uniform master's studies,
b) citations,
c) participation in conferences and seminars on mathematics or its applications,
d) participation in grants and research projects in mathematics or its applications,
e) scholarships or awards in mathematics or its applications, obtained through a competition,
f) participation in the work of a research club on mathematics or its applications.

If at a given stage of the assessment in this category the sum of points reaches $p_4 = 10$ points, this value is considered final. All presented and documented (confirmed) scientific achievements of the candidate are subject to evaluation based on the following scoring system:

Type of activity	Points
publications (points for each article depending on the rank of the journal and the candidate's contribution)	2-6
citations	0-4
participation in conferences and scientific seminars (number of points depending on the importance of the event and the scope of participation)	0-4
participation in grants and research projects	0-4
scholarships or awards	0-4
participation in the work of a research club	0-3

10) Discipline: chemical sciences

The assessment covers:

a) scientific publications (scientific monographs or their editors, chapters in scientific monographs, scientific articles), citations and scripts,
b) participation in conferences, seminars, trainings, workshops and research clubs,
c) obtained patents,
d) grants and research projects,
e) scholarships obtained through competition and other awards in competitions,
f) domestic or foreign internships and apprenticeships,
g) additional university studies, postgraduate studies, acquired rights, completed specialist courses,
h) participation in the work of a research club.

If at a given stage of the assessment in this category the sum of points reaches $p_4 = 10$ points, this value is considered final. All presented and documented (confirmed) scientific achievements of the candidate are subject to evaluation based on the following scoring system:

Type of activity	Points
Article / publication in a journal / book of international scope	5
Article / publication in a national journal / book	1
Individual presentation at an international conference in the form of an oral presentation	4
Individual presentation at a national conference in the form of an oral presentation	2
Individual presentation at an international conference in the form of a poster presentation	2
Individual presentation at the national conference in the form of a poster presentation	1
Individual presentation at an international student conference in the form of an oral presentation	2
Individual presentation at the student national conference in the form of an oral presentation	1
Individual presentation at an international student conference in the form of a poster presentation	1
Individual presentation at the student national conference in the form of a poster presentation	0,5

Obtained patents and patent applications	2
Scholarships obtained through competition	2
International Award for Scientific Achievement	5
National award for scientific achievements	3
Managing a research project	5
The role of the contractor in a scientific-research project	2
Long-term internship abroad (1 month or more)	5
Long-term national internship (1 month or more)	2
Short-term internship abroad (1-4 weeks)	3
Long-term national internship (1-4 weeks)	1
Additional higher education, postgraduate studies, acquired qualifications, completed specialist courses	2
Participation in the work of a research club	2

11) Discipline: physical sciences

The assessment covers:

a) scientific publications (scientific monographs or their editors, chapters in scientific monographs, scientific articles), citations and scripts,
b) participation in conferences, seminars, trainings, workshops and research clubs,
c) obtained patents,
d) grants and research projects,
e) scholarships obtained through competition and other awards in competitions,
f) domestic or foreign internships and apprenticeships,
g) additional university studies, postgraduate studies, acquired rights, completed specialist courses,
h) participation in the work of a research club.

If at a given stage of the assessment in this category the sum of points reaches $\boldsymbol{p_4 = 10}$ points, this value is considered final. All presented and documented (confirmed) scientific achievements of the candidate are subject to evaluation based on the following scoring system:

Type of activity	Points
Article / publication in a journal / book of international scope	5
Article / publication in a national journal / book	1
Individual presentation at an international conference in the form of an oral presentation	4
Individual presentation at a national conference in the form of an oral presentation	2
Individual presentation at an international conference in the form of a poster presentation	2
Individual presentation at the national conference in the form of a poster presentation	1
Individual presentation at an international student conference in the form of an oral presentation	2
Individual presentation at the student national conference in the form of an oral presentation	1
Individual presentation at an international student conference in the form of a poster presentation	1

Individual presentation at the student national conference in the form of a poster presentation	0,5
Obtained patents	3
Scholarships obtained through competition	2
International award for scientific achievement	5
National award for scientific achievements	3
Managing a research project	5
The role of the contractor in a scientific-research project	2
Long-term internship abroad (1 month or more)	5
Long-term national internship (1 month or more)	2
Short-term internship abroad (1-4 weeks)	3
Long-term national internship (1-4 weeks)	1
Additional higher education, postgraduate studies, acquired qualifications, completed specialist courses	2
Participation in the work of a research club	2

12) Discipline: management and quality studies

The assessment covers:

a) scientific publications (scientific monographs or their editors, chapters in scientific monographs, scientific articles), citations and scripts,
b) participation in conferences, seminars, trainings, workshops and research clubs,
c) obtained patents,
d) grants and research projects,
e) scholarships obtained through competition and other awards in competitions,
f) domestic or foreign internships and apprenticeships,
g) additional higher education, postgraduate studies, acquired qualifications, completed specialist courses.

All presented and documented (confirmed) scientific achievements of the candidate are assessed. When assessing scientific or research and development activity, the following procedure is used: each member of the selection committee awards points on a scale from 0 to 10, with the proviso that the candidate cannot receive more than 5 points, if he has not published or accepted for publication scientific publications , delivered or pre-approved conference paper or granted patents. The final p_4 score is the arithmetic mean of the points awarded.

§ 26

1. The interview is conducted in Polish and / or English.
2. In justified cases, it is possible to conduct an interview remotely using electronic means of communication selected by the recruitment committee.
3. Number of points p_5 in the interview criterion, referred to in § 22 sec. 2 is assigned according to separate rules for individual disciplines.

1) Discipline: architecture and urban planning,

Members of the recruitment committee evaluate the candidate taking into account the presented scientific and professional achievements to date and the outline of the research plan / concept of the doctoral dissertation.

It is also required to present a **portfolio** containing the candidate's own achievements to date, broken down into:

a) period of study: participation in workshops, competitions, artistic events; science clubs; student activity;
b) post-graduate period: professional and creative work not related to studies (projects, awards, realizations).

2) Discipline: automation, electronic, and electrical engineering

Scoring components	Points
Candidate's knowledge	0-3
Bachelor's and Master's thesis (grades and results obtained during the implementation of diploma theses)	0-3
Organizational experience (e.g. activity in student organizations)	0-3
Other (e.g. answers to questions or problems that arise during the conversation)	0-1

The following procedure is used to evaluate the interview: each member of the recruitment committee assigns points on a scale of 0 to 10, according to the assessment factors listed. The final score is the arithmetic mean of the points awarded.

3) Discipline: information and communication technology

The assessment covers:

a) the candidate's level of knowledge and the way of presenting the current scientific interests, e.g. the subject of the thesis,
b) initial concept of research planned as part of the doctoral dissertation,
c) the ability to communicate and formulate scientific concepts,
d) compliance of the proposed topic with the topics defined within the discipline of information and communication technology.

The following procedure is used to evaluate the interview: each member of the recruitment committee assigns points on a scale of 0 to 10, according to the assessment factors listed. The final score is the arithmetic mean of the points awarded.

4) Discipline: biomedical engineering

Scoring components	Points
Presentation of your current scientific interests and research projects (e.g. thesis)	0-3
Presentation of the initial concept of research planned in the doctoral dissertation and the current state of knowledge on this subject	0-3
The ability to formulate research hypotheses and their presentation	0-1
Orientation in general knowledge in the field of biomedical engineering	0-3

The final score is the arithmetic mean of the points awarded by the members of the recruitment committee, excluding the potential supervisor.

5) Discipline: chemical engineering

The assessment covers:

a) the candidate's level of knowledge and the way of presenting the current scientific interests, e.g. the subject of the thesis,
b) initial concept of research planned as part of the doctoral dissertation,
c) compliance of the proposed research topic with the list of research topics important for the university's development strategy.

The following procedure is used for the evaluation: each member of the recruitment committee assigns points on a scale from 0 to 10. The final score is the arithmetic mean of the awarded points. A positive evaluation of each component of the score is required (above 0 points). A negative assessment of one or more components (0 points) is tantamount to a total score of $\boldsymbol{p_5 = 0}$ points, which is a negative result of the recruitment.

Scoring components	Points
The way of presenting the current scientific interests, e.g. the subject of the thesis	0-5
Initial concept of planned research as part of the doctoral dissertation	0-3
Compliance of the planned research topic with the topics defined within the discipline and the technical and organizational possibilities of the department for its implementation	0-2

6) Discipline: civil engineering and transport

A positive evaluation of each component of the score is required (above 0 points). A negative evaluation of one or more components (0 points) is tantamount to a total score of $\boldsymbol{p_5 = 0}$ points, which constitutes a negative recruitment result.

Scoring components	Points
The way of presenting the current scientific interests, e.g. the subject of the MSc thesis	0-3
Initial concept of planned research as part of the doctoral dissertation	0-2
Specialization exam	0-5

The specialization exam is conducted in the form of test questions in special subjects related to the planned subject of the doctoral dissertation in the discipline of civil engineering and transport.

7) Discipline: mechanical engineering

Scoring components	Points
Candidate's level of knowledge, additional studies, presentation of current scientific interests, e.g. the subject of the MSc thesis	0-3
Initial concept of planned research as part of the doctoral dissertation	0-3
Ability to communicate and formulate scientific concepts	0-1
Specialization exam	0-3

The specialization exam takes place during the interview. The specialization exam will be conducted in the form of checking questions and / or a test in major subjects related to the planned subject of the doctoral dissertation in the discipline of mechanical engineering.

8) Discipline: environmental engineering mining and energy

The assessment covers:

a) the candidate's level of knowledge and the manner of presenting the current scientific interests, e.g. the subject of the MSc thesis,
b) compliance of the proposed research topic with the list of research topics important for the University's development strategy.

The following procedure is used when assessing the interview: each member of the selection board assigns points on a scale from 0 to 10. The final p_5 score is the arithmetic mean of the points awarded.

9) Discipline: mathematics

The assessment covers:

a) the candidate's level of knowledge – up to 8 points,
b) way of presenting scientific interests – up to 4 points.

The total number of points cannot exceed 10.

10) Discipline: chemical sciences

The assessment covers:

a) the candidate's level of knowledge in the thematic area of the planned doctoral dissertation,
b) the way of presenting the current scientific interests, e.g. the subject of the MSc thesis,
c) initial concept of research planned as part of the doctoral dissertation,
d) the ability to communicate and formulate scientific concepts,
e) compliance of the proposed research topic with the list of research topics important for the University's development strategy

11) Discipline: physical sciences

The assessment covers:

a) the candidate's level of knowledge and the way of presenting the current scientific interests, e.g. the subject of the thesis,
b) initial concept of research planned as part of the doctoral dissertation,
c) compliance of the proposed research topic with the list of research topics important for the University's development strategy,
d) specialization exam.

12) Discipline: management and quality studies

The assessment covers:

a) the general level of knowledge of the candidate and the way of presenting the current scientific interests, e.g. the subject of the thesis (including the presentation in English),

b) the candidate's knowledge of the educational discipline,
c) compliance of the proposed research topic with the list of research topics important for the University's development strategy.

Appendix 1
to the rules of recruitment to the Doctoral School of Wrocław University of Science and Technology (WUST) for the academic year 2021/2022

Evaluation of the knowledge of English – list of certificates and diplomas

Admission points Doctoral School WUST	Language courses / central examination grade – other universities	Language courses in the Department of Foreign Languages WUST	Cambridge English Qualifications	IELTS	ACERT	PTE Academic	TOEFL (iBT) TOEFL (CBT) TOEFL (PBT	Language Cert	Common European Framework of Reference (CEFR)
10	C2	SJO C2.1	C2 Proficiency	8.0 – 9.0					C2
	C1	SJO C1.2	C1 Advanced 180 – 200	7.0 – 7.5	ACERT C1	65	od 94 od 240 od 587	C1 Pass	C1
	B2 grade 5.5	SJO B2.2 grade 5.5							
8	B2 grade 5.0	SJO B2.2 grade 5.0	B2 First 176 – 179	6.5	ACERT B2 grade 5.0	61	86-93 226-239 568-586	B2 134-150(W) 179-200 (W&S)	B2
6	B2 grade 4.5/4.0	SJO B2.2 grade 4.5/4.0	B2 First 173 – 175	6.0	ACERT B2 grade 4.5/4.0	56	79-85 213-225 550-567	B2 115-133(W) 153-178 (W&S)	B2
4	B2 grade 3.5	SJO B2.2 grade 3.5	B2 First 167 – 172	5.5	ACERT B2 grade 3.5	51	72-78 198-212 531-549	B2 97-114 (W)	B2

								129-152 (W&S)	
2	B2 grade 3.0	SJO B2.2 grade 3.0	B2 First 160 – 166		ACERT B2 grade 3.0	46	65-71 183-197 513-530	B2 75-96 (W) 100-128 (W&S)	B2
10	University diploma in philology or applied linguistics in a modern foreign language.								
10	University diploma, with a degree corresponding to the Polish Master's degree, obtained in countries where the language of instruction is an official language.								
10	A document issued abroad, confirming the obtaining of an academic degree or title as well as a degree or title in the field of art – the leading language of a higher education institution is recognised.								
10	A document confirming the completion of higher education or post-graduate studies abroad or in the Republic of Poland - the leading language is recognised provided that the language of instruction was exclusively foreign.								
10	A document confirming entry on the list of sworn translators in the Republic of Poland or a document confirming the qualifications of a sworn translator in another Member State of the European Union or in a Member State of the European Free Trade Association (EFTA), a party to the Agreement on the European Economic Area, or in the Swiss Confederation.								
10	A document certifying that the foreign language concerned is the mother tongue (first); the person concerned is a native speaker of that language.								