

The regulations and rules of functioning of the Council of the Discipline of Physical Science's Committee in charge of verification of learning outcomes for qualification at the 8 PRK level for Candidates applying for the title of PhD in Physical Sciences who are not students of doctoral colleges

1. Council of Physical Science's Committee in charge of verification of learning outcomes for qualification at the 8 PRK level operates on the basis of Art. 192 section 2 subsection 6 of the 2.0 Act. The Committee has at least 7 members. The Commission can function in subcommittees of at least 4 members, nominated by the Head of Committee.
2. The committee elects its Secretary from among its members
3. Qualifications at the 8 PRK level are verified on the basis of learning outcomes enumerated in appendix no.1.
4. The committee verifies the learning outcomes at 8 PRK level on the basis of:
 - (a) documents provided by the Candidate applying for the title of PhD in Physical Sciences,
 - (b) an interview with the Candidate applying for the title of PhD, on the basis of which the Committee, among other things, determines the range and form of the exam in the discipline of Physical Sciences, as well as its schedule; the interview can be conducted online,
 - (c) an oral exam in the discipline of Physical Sciences; in justified cases, the exam can be conducted in several stages.
5. The documentation mentioned in section 4(a) should include:
 - (a) application form, in accordance with appendix no. 2,
 - (b) a summary of academic accomplishments, according to appendix no. 3,
 - (c) an opinion by academic supervisor who has the title of associate professor or professor,
 - (d) a confirmation of a command of a modern foreign language at the level of at least B2 in the form of a certificate or the graduation diploma, in the case of extra mural doctoral students- appendix no. 4
 - (e) in the case of candidates who started their doctoral studies before academic year 2019/2020 the learning outcomes in terms of command of a modern foreign language are confirmed according to the existing rules^{*},
 - (f) a copy of a doctoral student's record book (if it was issued) for inspection,
 - (g) other documents which can be of significance for the Committee's determination of the range and form of the exam in the discipline of Physical Sciences and the evaluation of the accomplishment of 8 PRK outcomes.
6. The exam in the discipline of Physical Sciences mentioned in section 4(c), depending on the provisions mentioned in section 4(b), may include:

^{*} Journal of Laws.2017.1789 namely from 27.09.2017, Paragraph. 12.

1. The PhD title is awarded to a person who:

4) has passed an exam in a modern foreign language or has a certificate confirming the command of a modern foreign language defined in regulations on the basis of paragraph. 31 section 5.

A decree by the Minister of Science and Higher Education from 19 January 2018 on detailed course and conditions of conducting the proceedings of review and acceptance of doctoral thesis, awarding the title of associate professor or professor:

§ 3.

1. The Council of organizational unit in charge of the review and acceptance of doctoral thesis procedure:

c) modern foreign language– consisting of at least three members, of which at least one teaches the language at a university, and the remaining one have the title of at least a doctor;

§ 1.

4. A Candidate may include in his application to initiate proceedings of review and acceptance of the doctoral thesis:

1) a copy of a certificate confirming the command of a modern foreign language; the list of certificates confirming the command of a modern foreign language is included in appendix no.1 to the decree.

- (a) elements of general physics – basics of mechanics, thermodynamics, classical electrodynamics, quantum mechanics, atomic-molecular physics, solid-state physics, along with a description of groundbreaking experiments,
 - (b) accomplishments of modern physics – problems related to, for instance, the discovery of gravitational waves, Higgs boson, graphene etc.
 - (c) topics which will allow to verify the Candidate's knowledge of the field on which the PhD thesis is being prepared (that part of the exam is conducted in English).
7. The date and location of the exam is sent to the Candidate via e-mail by the Head of the Committee at least 14 days before the exam. The Committee may agree to conduct the examination online.
 8. The exam is conducted by the Committee in the presence of at least 4 Committee members. At the doctoral student's request, their supervisor may be present at the exam, but without the right to vote. The Committee may also call in an additional expert from the field related to the topic of Candidate's doctoral thesis.
 9. The exam is graded. The following grading scale is used:
 - (a) positive with distinction,
 - (b) positive,
 - (c) negative.
 10. The Committee writes a protocol of the conducted exam. The model for the protocol is appendix no.4.
 11. In case of Candidate receiving a negative grade during the exam mentioned in section 4(c), the Committee may agree for the exam to be retaken within no less than 1 month.
 12. The Committee issues a confirmation of positive verification of the learning outcomes for qualifications at the 8 PRK level. if a Candidate applying for the title of PhD demonstrates the accomplishment of all learning outcomes enumerated in appendix no. 1 and obtains a positive grade for the exam that the Committee declares necessary to pass. In other case, the Committee declares lack of accomplishment of the learning outcomes for qualifications at 8 PRK level by the candidate. The Committee's decision to declare the accomplishment/lack of accomplishment of the learning outcomes for the qualifications at 8 PRK level is signed by the Head of Committee and the Secretary.
 13. The Committee's decision can be appealed to the Head of Council of Physical Sciences at Nicolaus Copernicus University within 2 weeks from the delivery date.

Learning outcomes for qualifications at 8 PRK level (Polish Qualifications Framework) for candidates applying for the title of PhD in physical sciences at the Faculty of Physics, Astronomy and Applied Informatics

Code of outcome	Description of outcome	Code of PRK factor outcome-level 8 ¹
Knowledge: graduate knows and understands		
W01	Has extended knowledge on the most important theories and concepts in physical sciences	P8S_WG
W02	Knows the most important and the latest scientific accomplishments in physical sciences	P8S_WG
W03	Understands the methodology, structure and history of the development of physics, as well as fundamental problems and dilemmas of civilization related to them	P8S_WG P8S_WK
W04	Has detailed knowledge of the branch of physics related to their doctoral thesis, as well as appropriate bibliography	P8S_WG
W05	Knows how to use the tools of theoretical/experimental/observational physics, including the higher mathematics and computer sciences apparatus for describing physical processes and problem solving	P8S_WG
Skills		
U01	Can independently collect literature devoted to a given problem and analyze it critically	P8S_UW
U02	Has the basic level of skills to independently solve a scientific problem, formulate tasks leading to the solution, reasoning and dilatation	P8S_UW
U03	Can competently present the findings of own work and summarise other people's work in the form of a scientific dissertation, publication, conference oral report, seminar paper or poster	P8S_UK
U04	Has a good command of English, allowing for free oral and written expression, presenting own papers and understanding other people's papers	P8S_UK
U05	Can plan and/or cooperate on individual and/or collective research enterprises	P8S_UO
U06	Has basic knowledge in teaching physics at the academic level, including teaching with the use of modern technologies	P8S_UU
U07	Can and understands the need to constantly learn i rozumie potrzebę ustawicznego uczenia się i inspirowania innych do zdobywania wiedzy	P8S_UU
Social competences		
K01	Understands the civilizational and social value of science and research, is ready to critically evaluate own and others' findings	P8S_KK
K02	Knows the basic rules of organizing research and applying for its financing, as well as the rules of functioning of a university in terms of research and didactics	P8S_KO
K03	Knows and understands the role of a research worker, has the need to conduct research in a reliable and independent manner, respects the rules of public ownership of scientific findings and the rules of intellectual property protection	P8S_KR

1 According to appendix to the regulation by the Minister of Science and Higher Education from 26 September 2016 (item 1594)

Place, Date

.....
Name and Surname

.....
Correspondence address

.....
e-mail

.....
Telephone number

**Request for verification of the teaching outcomes for qualifications at level 8 of
Polish Qualifications Framework
(8 PRK)**

I hereby request for verification of the obtained learning outcomes for qualifications at the 8 PRK level, due to my application for the title of PhD in the discipline of physical sciences before the Council of the Discipline of Physical Sciences at Nicolaus Copernicus University in Toruń. At the same time, I give my consent to participate in the elements of the proceedings conducted online via electronic audiovisual devices, as well as communication via e-mail to the address provided above.

Applicant's signature

.....

Appendices:

1. Summary of academic accomplishments
2. Academic supervisor's opinion
3. Confirmation of command of modern foreign language
4. Copy of a doctoral student's record book (if it was issued)
5. RODO declaration
6. Other documents which can be of significance for the Committee's determination of the range and form of the exam in the discipline of Physical Sciences

Place, Date

Summary of academic accomplishments of a Candidate for the title of PhD in the discipline of physical sciences

1. Name and surname:
2. Diplomas obtained: university, study program:
I degree:
- II degree:
- III degree (doctoral studies):
3. Topic of doctoral thesis (provisional title, summary of ½ page):
4. Academic supervisor/supervisors, department, place of writing the doctoral thesis:
5. Participants of doctoral studies provide:
 - a list passed subjects and the stages of doctoral studies (years, subjects completed with an exam or a pass, for example in the form of a copy/scan of the academic record),
 - confirmation of conducting didactic classes.
6. Completed courses for additional skills, post-graduate studies etc.:
7. Apprenticeships in Poland and abroad:
8. Professional experience:
9. Experience in working as a member of a research team:
10. Participation in academic conferences, summer schools etc.:
11. Seminars and speeches made:
12. Classes taught:
13. Co-authorship of scientific articles, with emphasis on those in which the Candidate played a major role:
14. Activity in acquiring funds for research from external sources- type of grant (Z- application filed, N- rejected, P- accepted), the title, participation in writing the application/closeout?
15. Running grants and scientific projects financed from grant competition resources:
16. Participation in organizing academic conferences:
17. Popularizing science (physics in particular):
18. Awards and distinctions:
19. Level of completion of the doctoral thesis (mark the appropriate):
planned 25 % 50% 75 % completed
20. Projected date of submitting the doctoral thesis to the Council of Discipline of Physical Sciences:
21. Other information confirming the qualifications at level 8 of PRK:

Permission to process personal data

*(in accordance with the Regulation on Personal Data Protection - RODO,
in force since 25.05.2018)*

I, the undersigned
(born on:) hereby give consent to process my personal data for the purpose of publication in the informational and promotional materials of Nicolaus Copernicus University in Toruń to the following extent:

- name and surname;
- picture;
- affiliation;
- character of research;
- e-mail address.
- telephone number

Date, place and signature of the person giving consent

.....

Information on the processing:

Based on the Regulation by the European Parliament and EU Council 2016/679 from 27 April 2016 on protection of natural persons in relations to processing personal information and free flow of such data, and repealing the directive 95/46/WE, hereinafter referred to as "RODO", the following is declared:

1. The administrator of your personal data shall be Nicolaus Copernicus in Toruń, located at Gagarina 11 Street in 87-100 Toruń (hereinafter referred to as: ADO).
2. Your consents shall be processed in accordance with article 6 paragraph. 1 letter. a) RODO until the withdrawal of your consent for the purpose of publication in informational and promotional materials of Nicolaus Copernicus University.
3. You have the right to withdraw your consent at any time.
4. You have the right, which we will grant at your request:
 - a. to demand access to personal data, subject to the legal regulations, as well as the right to correct it,
 - b. to demand it to be removed or processed to a limited extent,
 - c. to object to personal data processing,
 - d. to transfer the personal data processed in IT systems to another administrator
5. Your submission of personal data is voluntary and a refusal to submit them does not produce any results other than us being unable to publish them.
6. You have the right to file a complaint to the President of Personal Data Protection Office.
7. Your personal data may be shared with public administration bodies and courts according to the legal regulations, as well as the parties with which ADO cooperates in terms of legal services.
8. As of collecting your personal data we are not intending to share them beyond the EEA (which includes the European Union, Norway, Liechtenstein and Iceland), while not excluding such possibility in the future, od which you shall be informed well in advance.
9. No actions involving automated decision-making shall be taken in relations to you, neither will they be subject to automated profiling.
10. Should you wish to contact ADO concerning matters related to personal data processing, especially in relations

to filing a request to execute your rights, please contact via e-mail to iod@umk.pl or the AOD's correspondence address, with a note "IOD".