

Rules for the validation of learning outcomes for qualifications at Level 8 PRK for candidates preparing a doctoral dissertation in the external mode

[illegible]

	teaching materials (in particular course descriptions) and participation in teaching activities amounting to 5 teaching hours, as certified by the supervisor									
3	a) authorship/co-authorship of a scientific publication published in a scientific journal or in peer-reviewed materials of an international conference, or b) authorship/co-authorship of a scientific monograph or a chapter in a scientific monograph, or c) authorship/co-authorship of works of art - in the case of disciplines of arts	has knowledge of the preparation of scientific publications, including under open access, or, in the case of disciplines of arts, the publication of works of art	P8U_W	P8S_WG	is able to present the results of scientific research in the form of oral presentations and written papers, while adhering to methodological, copyright and ethical principles, and to initiate academic debate within the international scientific community	P8U_U	P8S_UK	is able to conduct independent scientific research or, in the case of disciplines of arts, to engage in artistic creation, while respecting the principle of public ownership of research results and the protection of intellectual property	P8U_U	P8S_KR
4	a) confirmation of active participation in academic conferences or b) confirmation of participation in projects that promote science , e.g. science festivals	has advanced knowledge of development trends in disciplines related to research area pursued	P8U_W	P8S_WG				is able to critically analyse their own contribution to the development of disciplines concerned, including the scientific issues addressed in their doctoral dissertation, or, in the case of disciplines of arts, their artistic output	P8U_U	P8S_KK
								is able to fulfil the responsibilities of a researcher and creator towards society and to initiate activities in the public interest,	P8U_U	P8S_KO
5	a) an exam in an additional discipline: economics or b) an exam in an additional discipline: philosophy	knows the economic, legal and ethical considerations of research activity or, in the case of disciplines of arts - artistic activity pursued, in particular the methods of fundraising and	P8U_W	P8S_WK	is able to apply knowledge from various disciplines to identify, formulate and creatively solve complex problems or carry out research tasks	P8U_U	P8S_UW	is able to conduct independent scientific research or, in the case of disciplines of arts, to engage in artistic creation, while respecting the principle of public ownership of research	P8U_U	P8S_KR

		the principles of designing research projects						results and the protection of intellectual property		
6	a) confirmation of completion of training in the commercialisation of research results and the know-how associated with those results (a certificate or attestation), or	has extended knowledge of intellectual property law and the fundamental principles of knowledge transfer to the economic and social spheres, as well as the commercialisation of research results and the know-how associated with those results, and	P8U_W	P8S_WK	is able to assess the practical implications of research results or, in the case of disciplines of arts - artistic activity	P8U_U	P8S_UW	is able to explain the importance of knowledge in solving cognitive and practical problems	P8U_U	P8S_KK
	b) confirmation of successful completion/exam in the subject of <i>ethics of scientific research and protection of intellectual property</i> , or									
	c) confirmation of participation in implementation of research projects or	knows economic, legal and ethical considerations in research activity, in particular the methods of fundraising and the principles of designing research projects			is able to pursue research activity or, in the case of disciplines of arts, artistic activity, as part of a team		P8S_UO	is able to think in an enterprising manner and take proactive action		P8S_KO
	d) management of a research project funded under a national or international competition or									
	e) confirmation of participation in training in project management				is able to plan the development of their own competencies,work actively to promote their own development and to inspire others to develop		P8S_UU			
7	doctoral dissertation	has extended knowledge of the latest scientific achievements or, in the case of disciplines of arts, of the latest artistic achievements, including the theoretical foundations, general topics and selected detailed topics specific to the discipline in which the doctoral dissertation is being	P8U_W	P8S_WG	is able to develop a research plan, including an advanced research procedure and an original research concept	P8U_U	P8S_UW	is able to critically analyse their own contribution to the development of disciplines concerned, including the scientific issues addressed in their doctoral dissertation, or, in the case of disciplines of arts, their artistic output	P8U_U	P8S_KK

		prepared								
		formulates important, current and unresolved problems in the field of science or arts in which they are pursuing education, particularly within the discipline in which doctoral dissertation is being prepared		P8S_WK	is able to apply knowledge from various disciplines to identify, formulate and creatively solve complex problems or carry out research tasks, or, in the case of disciplines of arts, to engage in artistic activity			is able to conduct independent scientific research or, in the case of disciplines of arts, to engage in artistic creation, while respecting the principle of public ownership of research results and the protection of intellectual property	P8U_U	P8S_KR
8	a certificate or diploma of completion of studies certifying proficiency in a modern foreign language at a language proficiency level of at least B2. If no certificate or diploma is submitted, the candidate must take a language proficiency test in accordance with the provisions laid down in the Act	formulates (also in a foreign language) important, current and unresolved problems in the field of science or arts in which they are pursuing education, particularly within the discipline in which doctoral dissertation is being prepared	P8U_W	P8S_WK	is able to use a foreign language effectively in research work or, in the case of disciplines of arts, in artistic activity	P8U_U	P8S_UK	is able to explain (also in a foreign language) the importance of knowledge in solving cognitive and practical problems		P8S_KK