

## Individual Research Plan learning outcomes

All	Grant application	Stay / fellowship	Conference presentation	Publications	Popularizing research	Discipline exam
W1	W1	W1	W1	W1	U6	W1
W2	W2	W2	W2	W2	K2	W2
W3	W3	U1	W3	W3	K3	W5
W4	U2	U2	W4	W4		K1
W6	U6	U8	U2	U2		
U1	U8	U9	U6	U3		
U2	U10	K2	U7	U7		
U3	K2	K4	U8	U8		
U4	K4		K1			
U5						
U6						
U7						
U9						
K1						
K2						
K3						
K4						
K5						

Symbol	Learning outcomes
W1	knows and understands — to a degree enabling a revision of existing paradigms — the international heritage of a given area, comprising theoretical bases and general problems, as well as selected specific problems relevant for the discipline realised at Doctoral School.
W2	knows and understands the main trends relevant for the discipline realised at Doctoral School.
W3	knows and understands research methodology in the particular discipline.
W4	knows and understands the principles of the disseminating the results of scientific and artistic activities, also in the form of open access
W5	knows and understands the fundamental dilemmas of contemporary civilisation

W6	knows and understands economic, legal, ethical, and other conditions of academic or artistic activities
W7	knows and understands the basic rules of the transfer of knowledge to the social and economic spheres, and of commercialisation of the results of research and artistic activities and related know-how
U1	is able to use knowledge connected with various areas of science and arts, formulate and find innovative solutions to complex problems or perform research or artistic tasks
U2	is able to utilise methodological knowledge in research / artistic activities, in particular define the aim and subject of research, formulate research or artistic hypothesis, develop research or artistic methods, techniques, and tools and implement them in a creative way, make assumptions on the basis of research results or artistic activities
U3	using the acquired knowledge, is able to make a critical analysis and assessment of research results, expert activities and other creative works and their contribution to the the development of knowledge, culture, and arts
U4	is able to analyse the possibility of transferring the results of research /artistic activities to economic and social spheres
U5	is able to communicate specialist subjects at a level that enables active participation in international academic or artistic community
U6	is able to disseminate the results of research or artistic activities, also in popular form
U7	is able to initiate debate and take part in academic and artistic discourse
U8	knows a foreign language at a level enabling participation in an international academic, artistic, and professional environment
U9	is able to plan and implement individual and team research or artistic projects, also in an international environment
U10	is able to work independently towards own development and inspire and organise other people's development

U11	is able to plan classes or courses and teach with the use of modern methods and tools
K1	is ready to critically assess the output of a particular discipline taught in the school and own contribution to its development
K2	is ready to accept the significance of science / arts in solving theoretical and practical problems
K3	is ready to fulfil scientists' and artists commitments to community, as well as to initiate activities for public interest
K4	is ready to think and act in an entrepreneurial way
K5	is ready to maintain and develop the ethos of academic or artistic community, including carrying out research in an independent way, respecting the rule of public property of research results and artistic work including the regulations on the protection of intellectual or artistic property