Załącznik nr 2

do uchwały nr 11/2018-2019

Senatu Uniwersytetu Przyrodniczego w Lublinie

z dnia 23 listopada 2018 r.

Description of learning outcomes for the field Green Urban Planning

Name of study field: Green Urban Planning (GUP)

Level of education: second-cycle studies

Profile of education: general academic

Form of study: stationary

Fields of science and scientific disciplines to which learning outcomes relate:

Leading field (60%): field of agricultural sciences; scientific discipline: agriculture and gardening.

Supplementary fields: field of engineering and technical sciences **(30%)**; academic discipline: architecture and urban planning; field of art **(10%)**; scientific discipline: fine arts and conservation of works of art.

The description of learning outcomes takes into account the universal first level characteristics for level 7 defined in the Act of 22 December 2015 on the Integrated Qualification System (Dz.U. z 2016 r. poz. 64 i 1010) and the second level characteristics for level 7 defined in regulations issued on the basis of art. 7 par. 3 of this Act.

Description of learning outcomes for qualifications at level 7 of the Polish Qualifications Framework (Polskie Ramy Kwalifikacji - PRK)

Symbols of learning outcomes for the field of study	Directional learning outcomes	Reference to the characteristics second-cycle studies PRK
	KNOWLEDGE **Graduate knows and understands:**	
GUP_W01	issues in the field of natural, agricultural, technical and art sciences at the level of formulating and solving complex tasks related to urban planning.	P7S_WG
GUP_W02	problems, at the basic level, in the field of sociology and environmental psychology, history, theory and aesthetics of space shaping, urban planning theory and ruralistics.	P7S_WG
GUP_W03	issues related to architecture and landscape shaping in the context of geographical and natural conditions as well as cultural, social, technical, economic and ecological conditions on a professional level.	P7S_WG
GUP_W04	principles of functioning of the spatial planning system and corresponding laws and regulations, as well as methods used to acquire spatial information.	P7S_WG P7S_WK
GUP_W05	contemporary trends and the most important achievements in the field of regional and local planning in connection with landscaping, while maintaining the principles of environmental protection and sustainable development.	P7S_WK

GUP_W06	elements constituting the functional and spatial structure of the city and rural areas, principles of shaping urban and ruralist complexes, protection of natural and cultural heritage, including the principles of revalorisation and regeneration of urban and rural areas.	P7S_WK
GUP_W07	methods, techniques, tools and materials used in landscape engineering and urban planning and in interdisciplinary activities, combining technical and biological solutions, aimed at the proper shaping of the landscape and its resources, and the proper functioning of its components.	P7S_WG P7S_WK
GUP_W08	social, economic, legal and other non-technical conditions of engineering activities as well as the specificity of creative work and urban landscape architect's practice.	P7S_WK
GUP_W09	binding rules of creating and developing forms of individual entrepreneurship, using knowledge in the field of shaping urban spaces and rural landscape, social and technical sciences as well as economic and financial instruments of undertakings in the field of landscape design.	P7S_WK

SKILLS

Graduate can:

GUP_U01	obtain information on ecology, landscape architecture and related fields from various sources, also in a foreign language, integrate them, interpret and critically evaluate them, and draw conclusions, formulate and fully justify opinions.	P7S_UW
GUP_U02	communicate precisely in verbal, written and graphic form, using various techniques, also in English or another foreign language in the field of urban planning.	P7S_UK
GUP_U03	prepare and present in a foreign language a scientific study and an oral presentation on specific issues in the field of landscape architecture.	P7S_UK
GUP_U04	determine the directions of further learning and implement the process of self-education and assess the advantages and disadvantages of the actions taken to improve the competences.	P7S_UU
GUP_U05	communicate in a foreign language at the B2 + level of the European System of Description of Language Education in the fields of science and scientific disciplines appropriate for landscape architecture.	P7S_UK
GUP_U06	plan and use the known methods and information and communication techniques to implement and solve project tasks and is able to interpret the results obtained and draw conclusions.	P7S_UU
GUP_U07	integrate knowledge in the field of scientific disciplines related to landscape architecture and use analytical, simulation and experimental methods to implement and solve a project task and apply a system approach, taking into account non-technical aspects, and formulate and subject the hypotheses related to engineering and research problems.	P7S_UW

GUP_U08	assess the usefulness and the possibility of using new achievements (techniques and technologies) in the field of landscape protection and design and improving the quality of human life.	P7S_UW
GUP _U9	perform an economic analysis of engineering activities undertaken and prepare project documentation in accordance with the applicable formal conditions.	P7S_UW
GUP _U10	make a critical analysis of the condition and functioning of the landscape and objectively assess the design solutions including spatial, functional and usable and technical solutions of the elements of small architecture and the forms used, and propose an improvement of the landscape according to its natural characteristics, cultural, social, technical and economic conditions.	P7S_UW P7S_UU
GUP _U11	identify complex landscape forms and formulate assumptions for shaping the landscape on a national and regional scale, including legally protected areas.	P7S_UW P7S_UK
GUP _U12	assess the usefulness of methods, tools and techniques used in urban design and landscape architecture objects to solve research and practical problems.	P7S_UW P7S_UK
GUP _U13	adequately determine the priorities for the implementation of landscape architecture projects or other engineering and non-technical tasks, and identifies and resolves dilemmas related to the profession of urbanist-landscape architect.	P7S_KK

SOCIAL COMPETENCE
Graduate is willing to:

GUP _K01	work in units developing land development projects, implementation and care facilities for landscape architecture, in government and local government administration, and knows the rules and legal provisions related to this work.	P7S_UO P7S_UK
GUP _K02	solve complex design tasks related to landscape shaping on the local scale and revitalization of historical urban and rural planning systems.	P7S_UW P7S_UK
GUU_K03	lifelong learn, is creative, able to think and act in an entrepreneurial and responsible way, and cooperate and work in a group, taking various roles in it, can inspire and organize the learning process of other people.	P7S_KK
GUP _K04	take responsibility for the decisions made, because it is aware of the importance and understands the non-technical aspects and effects of the urbanist-landscape architect's activities, including its impact on the environment and landscape.	P7S_KO
GUP_K05	present the role of a university graduate who understands the need to provide information and opinions on the aspects of the urbanist-landscape architect's activity; makes efforts to provide such information and opinions in a widely understood manner, taking into account different points of view.	P7S_KR