

Landscape Architecture Learning Outcomes
Second Cycle Studies
Speciality: Chinese and Polish tradition in shaping of the landscape

Area / areas of education contributive to the program of study (% contribution of the ECTS points for a selected area)

the area of technical sciences (52%),

the area of agricultural , forestry and veterinary sciences (48%),

Form of education : second cycle studies

Qualification : Master of Sciences , landscape architect

Educational profile : general academic

Number of semesters, total hours of classes , internships and number of ECTS points :

Number of semesters : full time studies 4.

Number of classes : full time studies 900

Total internship time : 1 semester

Number of ECTS points : second cycle studies : 120.

Educational purposes:

The landscape architecture graduate of the general academic profile has extended knowledge and skills allowing for the successful design , programming and management of landscape. Additionally he/she is aware of the actions taken and their consequences within the area of landscape architecture and related fields. On graduation the person is able to deal with complex tasks and problems with the awareness of spatial determining factors and space system involving multi-dimensional consequences as well as his /her own and collective responsibility for the decisions made. He/she is capable of methodological reflections on the work of a landscape architect in its practical and scientific aspects with taking into consideration cultural differences, specific of tradition and heritage.

The student profile results from peer agreements between Polish and Chinese universities teaching landscape architecture, stakeholders' opinions , and recommendations of professional associations.

- The fields of science and scientific disciplines involved in the learning outcomes :

technical sciences – architecture and urban planning

agricultural sciences – environment protection and management

-The relation between the educational program and the university mission and its development strategy: *the field of study is strictly bound with the teaching traditions at the faculty and is the continuation of the 10 year teaching of landscape architecture at the University*

-The recruitment principles and prerequisites : the completion of the first cycle studies in landscape architecture and being awarded the professional title of Bsc in Landscape Architecture as well as the acquisition of the competences necessary to continue second cycle studies , in particular :

- the knowledge and skills in the underlying basic subjects (mathematics, descriptive geometry, history of art, ecology, plant biology) necessary for appropriate understanding of the environmental processes, enabling environmental protection and management.
- the knowledge and skills in the field specific subjects (physiography, landscape architecture design , history of horticulture, composition and maintenance of landscape architecture elements, vegetation and fauna) necessary for appropriate procedures in respect of planning and design of landscape.

If on completion of the first cycle studies the candidate has not obtained part of the prerequisite competences the candidate can be admitted to the second cycle program only if it is possible for him/her to complete the missing competences and skills by obtaining course credits for the total number of ECTS not exceeding 30 points.

- Differences in relation to other programs of similarly defined purposes and learning outcomes which are taught at the university : unlike other programs this field of study teaches landscape architects and green area designers of large scale projects (garden and park landscape , redevelopment and revitalization of historical palace-garden sites).
- The subjects / education modules assigned to each learning outcome module and the number of ECTS points – *the description of individual subjects*.
- The required number of ECTS points to be obtained in general academic classes : 3.
- The number of ECTS points for physical education : *not applicable*.
- The total number of ECTS points to be obtained by the student within the primary sciences : *not applicable*.
- The total number of ECTS points to be obtained by the student in the subjects requiring direct participation of academic teachers and students : *full-time studies 40*.
- The total ECTS points to be obtained by the student in practical classes including laboratory and project classes : *full-time studies 35*.
- The total number of ECTS points to be obtained by the student in elective subjects : *full-time studies 24*.
- The ways of verification of the expected learning outcomes attained by the student – *the descriptions of individual subjects*.
- The length, principles and form of the student internship : *1 semester, 30 ECTS*

Landscape architecture learning outcomes
Second cycle studies - general academic profile
Speciality: Chinese and Polish tradition in shaping of the landscape

The field of study of landscape architecture comprises the study areas of technical sciences , agricultural and forestry sciences and veterinary sciences and is related to civil engineering , water engineering and management, environmental protection.

Labels :

AK – field specific learning outcomes

W – knowledge

U – skills

K – social competences

T2A – learning outcomes in technical sciences for second cycle studies

R2A – learning outcomes in agricultural , forestry and veterinary sciences for first cycle studies

	Field specific learning outcomes	Reference to learning outcomes in the area of technical sciences (T), agricultural, forestry and veterinary sciences (R) leading to the acquisition of MSc competences	
		T	R
Labels	Knowledge		
AK2 - W01	knows the underlying conditions and factors determining urban and rural areas with consider differences between European and Asian culture	T2A_W03	
AK2 - W02	knows the principles structuring urban and rural areas , their development and statutory laws	T2A_W03 T2A_W05	R2A_W07
AK2 - W03	knows the study methods ,techniques and analyses used for determining the guidelines for programming and design of space in a planning scale	T2A_W05 T2A_W07	
AK2 - W04	knows the design principles for built-up areas and open grounds	T2A_W07	
AK2 - W05	knows the legal foundations determining the design principles in area development and planning	T2A_W03	
AK2 - W06	has essential theoretical knowledge of environmental psychology in respect of its relation to landscape architecture	T2A_W04 T2A_W05	R2A_W02
AK2 - W07	knows the basics of cartography and spatial information systems	T2A_W02 T2A_W05	

AK2 - W08	is able to identify at a basic level the causes of landscape degradation and present methods of landscape recultivation and reinstatement	T2A_W02 T2A_W05	R2A_W06
AK2 - W09	is knowledgeable of selected detailed issues in landscape architecture related areas and their significance in landscape development and planning	T2A_W02 T2A_W05 T2A_W08	
AK2 - W10	has fundamental knowledge of the existing potential and legal aspects of natural and cultural landscape protection in Europe and Asia	T2A_W02 T2A_W04 T2A_W05 T2A_W08	R2A_W05 R2A_W06
AK2 - W11	has extended knowledge of specific complex issues related to cultural landscape protection in Europe and Asia	T2A_W02 T2A_W04	
AK2 - W12	has detailed knowledge of selected issues concerning the management of natural and cultural environment and methods and techniques of study and analyses thereof	T2A_W02	R2A_W05 R2A_W06
AK2 - W13	has detailed knowledge of selected issues concerning contemporary trends and problems in landscape architecture – management, programming, planning and design of landscape	T2A_W02 T2A_W05 T2A_W08 T2A_W09	R2A_W08
AK2 - W14	sensory cognition of Chinese garden, intuitive understanding idea and theory of Chinese garden, improvement knowledge about artistic characteristics of Chinese garden.	T2A_W02	R2A_W05 R2A_W06
Skills			
AK2 - U01	applies methodological approach in project task solving selecting advanced techniques therein	T2A_U09	
AK2 - U02	programs and designs areas and landscape architecture elements combining appropriate solutions with the existing landscape in a systemic method	T2A_U10 T2A_U15 T2A_U16 T2A_U19	R2A_U04
AK2 - U03	is able to solve unspecific complex design project tasks with the awareness of their conditions and consequences of the proposed solutions cause of cultural differences between Europe and Asia.	T2A_U10 T2A_U15 T2A_U16 T2A_U19	R2A_U04
AK2 - U04	is able to obtain all the necessary information for a project task from diverse sources	T2A_U01	R2A_U01
AK2 - U05	performs successfully concluded diverse scale studies and analyses appropriate for a specific project task in the broad context of natural , cultural, social , technical and economic conditions	T2A_U09	R2A_U04
AK2 - U06	is able to apply the knowledge of psychological processes in spatial planning and design	T2A_U10	
AK2 - U07	knows the essential principles of the preparation of starting materials and compilation of planning work	T2A_U01	R2A_U01
AK2 - U08	is capable of creative analysis of collected data , appropriate conclusions and their application in the preparation of planning documents	T2A_U10 T2A_U15 T2A_U17 T2A_U19	R2A_U01

AK2 - U09	is able to distinguish GIS data models and apply the essential methods of vector data analyses in the realization of a specific space related task	T2A_U07 T2A_U12	R2A_U02 R2A_U03
AK2 - U10	is able to estimate potential results of landscape degradation , select and apply most effective methods of its prevention and recultivation and reinstatement of landscape	T2A_U10 T2A_U15 T2A_U16 T2A_U17	R2A_U01 R2A_U04
AK2 - U11	is able to assess the value of natural and cultural landscape , select methods of the protection of landscape assets and propose actions therein	T2A_U10 T2A_U15	R2A_U04 R2A_U05 R2A_U06
AK2 - U12	is able to solve selected detailed problems connected with the protection of cultural environment	T2A_U10 T2A_U18	
AK2 - U13	is able to exploit his/her detailed knowledge of selected issues concerning natural and cultural environmental management with the application of appropriate methods of study technique and analysis thereof as well as selection of proper project solutions	T2A_U10 T2A_U12 T2A_U19	R2A_U02 R2A_U05
AK2 - U14	in the processes of landscape management, programming , planning and design is able to exploit the knowledge of specific detailed problems concerning the contemporary trends and issues in landscape architecture	T2A_U10 T2A_U12 T2A_U15	R2A_U07
AK2 - U15	has extended skills and abilities of communication and presentation of his/her own ideas in English or another foreign language	T2A_U01 T2A_U02 T2A_U03 T2A_U04 T2A_U06	R2A_U09 R2A_U10
AK2 - U16	has skills to adapt idea of traditional Chinese garden to temporary needs of market		R2A_U02 R2A_U05
AK2 - U17	is able to read historical plans of Chinese garden and analyze them, create special models of them.	T2A_U10 T2A_U15 T2A_U17 T2A_U19	
Social competences			
AK2 - K01	is aware of spatial system and subsequent project work resulting from it		R2A_K03 R2A_K06
AK2 - K02	understands the significance of social participation in the process of landscape design and is prepared to cooperate with the recipients of the design project at every stage of its formation	T2A_K02 T2A_K04	
AK2 - K03	is prepared to undertake highly sophisticated tasks in cooperation with different institutions and social entities	T2A_K02 T2A_K03	
AK2 - K04	is able to reconcile interests of different parties and harmonize interests in society and economy at different levels	T2A_K02	R2A_K03
AK2 - K05	is capable of effective teamwork in a project task using differences of culture and using for communication universal graphic language	T2A_K03	R2A_K02

AK2 - K06	is aware of the role and potential of using vector data analyses in spatial studies and appropriate space management	T2A_K01	
AK2 - K07	understands the need of continuous extension of knowledge and skills in respect of new technologies and solutions applied in landscape architecture and related areas	T2A_K01	R2A_K01
AK2 - K08	Understands the significance of technological activities aiming at society oriented landscape management	T2A_K01	
AK2 - K09	has sense of responsibility in rational and effective management of landscape resources	T2A_K02 T2A_K07	R2A_K05 R2A_K06
AK2 - K10	understands the significance of the protection of landscape natural and cultural assets	T2A_K02	R2A_K03 R2A_K05
AK2 - K11	is able to manage of landscape in macro scale with consideration of complexity of the problems	T2A_K04 T2A_K05 T2A_K06 T2A_K07	R2A_K05 R2A_K06 R2A_K07
AK2 - K12	is aware of the problematic complexity concerning landscape management and the significance of its inter-disciplinary interpretation is capable of landscape management with the awareness of its problematic complexity	T2A_K01 T2A_K02	R2A_K07
AK2 - K13	he fully understand the culture and art of Chinese garden, realized the importance of the Chinese garden as a product of the harmony between nature, he understand an important role in the inheritance and development of Chinese garden culture in designing temporary gardens.	T2A_K02	R2A_K03 R2A_K05
AK2 - K14	is aware of the relation between the role of a landscape architect and the environment , diverse entities and environmental groups.	T2A_K07	R1A_K02