



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Architectural Design in the Landscape

Course

Field of study

Architecture

Area of study (specialization)

-

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

III/ 5

Profile of study

general academic

Course offered in

polish / english

Requirements

elective

Number of hours

Lecture

15

Laboratory classes

0

Other (e.g. online)

Tutorials

0

Projects/seminars

45

Number of credit points

4

Lecturers

Responsible for the course/lecturer:

dr hab. inż. arch. Anna Januchta-Szostak prof.PP

e-mail: anna.januchta-szostak@put.poznan.pl

Responsible for the course/lecturer:

prof. dr hab. inż. arch. Wojciech Bonenberg

e-mail: wojciech.bonenberg@put.poznan.pl

Prerequisites

- the student has an organized, theoretically founded general knowledge covering key issues in the field of architectural and urban design,
- the student has a basic knowledge of development trends in the field of architectural and urban design,
- the student has basic knowledge of architectural and urban composition
- the student is able to obtain information from literature, databases and other, properly selected sources, can integrate information, interpret them, as well as draw conclusions and formulate and justify opinions,
- the student is able to make a critical analysis of the way of functioning and evaluate the existing solutions, systems and processes
- is able to interact and work in a group, taking different roles in it,



- correctly identifies and resolves dilemmas in terms of various spatial situations on an architectural and urban scale

Course objective

1. to familiarize students with landscape architecture as a field covering the rational shaping of the human environment, in a way that allows meeting not only aesthetic needs, but also environmental (natural), social, mental, cultural, functional and economic requirements
2. teaching students an integrated approach to environmental design, in which landscape architecture is a synthesis of relationships between natural elements (e.g. topography, climate, existing vegetation) and anthropogenic factors (e.g. local tradition, culture, tastes, fashion, etc.).
3. obtaining theoretical knowledge about human relationships in the landscape, learning the principles and methods of landscape management and understanding the factors that build the quality of the landscape, such as: visual expression, diversity, readability, accessibility, development potential
4. stimulating creativity in the process of architectural design determined by the landscape context, by studying the relationship between architecture and the natural, cultural and social environment, in particular the ability to create relationships between the landscape background and newly designed architectural objects
5. developing freehand drawing skills as a tool for landscape research, analysis and assessment of the architectural and urban environment.

Course-related learning outcomes

Knowledge

- A.W2. urban design in the scope of implementation of simple tasks, in particular: small building complexes, local spatial development plans, taking into account local conditions and connections, as well as forecasting transformation processes in the settlement structure of towns and villages;
- A.W3. records of local spatial development plans to the extent necessary for architectural design;
- A.W4. principles of universal design, including the idea of designing spaces and buildings accessible to all users, in particular for people with disabilities, in architecture, urban planning and spatial planning, and ergonomic principles, including ergonomic parameters necessary to ensure full functionality of the designed space and facilities for all users, especially for people with disabilities

Skills

- A.U2. design a simple urban complex;
- A.U3. prepare planning studies concerning spatial development and interpret them to the extent necessary for designing in an urban and architectural scale;
- A.U4. make a critical analysis of the conditions, including the valorization of the land development and building conditions;



A.U5. think and act creatively, using the workshop skills necessary to maintain and expand the ability to implement artistic concepts in architectural and urban design;

A.U6. integrate information obtained from various sources, formulate their interpretation and critical analysis;

A.U7. communicate using various techniques and tools in a professional environment appropriate for architectural and urban design;

A.U9. implement the principles and guidelines of universal design in architecture, urban planning and spatial planning.

Social competences

A.S1. independent thinking to solve simple design problems;

A.S2. taking responsibility for shaping the natural environment and cultural landscape, including the preservation of the heritage of the region, country and Europe.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

1. Periodic review
2. Final review
3. Final test

Formative assessment:

Lecture - completion of the course is associated with active participation in lectures and passing the test, which includes the content presented at the lectures.

Exercise - assessment of active participation in classes, discussion in the forum of the group and involvement in project work,

- Assessment of timeliness and quality of performance during the periodic and final review,
- Group assessment by selecting the best three final studies.

Assessment scale: 2.0; 3.0; 3.5; 4.0; 4.5; 5.0

Summative assessment:

Obtaining a positive grade for the module depends on the student achieving all the learning outcomes listed in the syllabus.

Lecture - assessment of the final test (multiple-choice test covering the content provided during lectures).



Exercise - summative assessment consists of the grades given by the teacher during the periodic and final review, assessment of the student's activity and involvement, and the grade given by the group.

Assessment scale: 3.0; 3.5; 4.0; 4.5; 5.0

Assessment scale: 2.0; 3.0; 3.5; 4.0; 4.5; 5.0

Programme content

Lectures:

1. Typology and classification of landscape forms.
2. Landscape interior. Landscape composition
3. Methods of landscape analysis and valorization.
4. Forming architectural objects in the landscape
5. Social conditions of shaping the landscape.
6. The role of landscape in shaping the living environment, climate and water resources.
7. Landscape management - protection and planning for sustainable development.

Exercises:

The thematic scope of the exercises includes the implementation of two landscape projects, consisting of:

1. exercise I consists in proposing a newly designed architectural form in the existing fragment of the cultural landscape of Poznań (or another city) in an urban interior. In the selected interior, the background features (landscape context) should be analyzed and an adequate architectural form proposed in three variants: 1. Context (form subordinated to the background features), 2. Good continuation (balancing the contrast and continuation of the background features), 3. Contrast (deliberate selection of selected features of the object contrasted with the background, while maintaining harmony with the landscape).
2. exercise II consists in using the acquired skills to design a vast landscape interior, e.g. a selected fragment of the Warta valley. It is necessary to consciously use the tools of shaping the floor and walls of the interior (on the basis of subordination or contrast) in order to obtain a harmonious and functional arrangement of the interior with respect for the values of the natural and cultural environment.

Teaching methods

1. Lecture with multimedia presentation
2. Project



3. eLearning Moodle (a system supporting the teaching process and distance learning)

Bibliography

Basic

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Additional

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Forman R.T.T., Godron M., 1986. Landscape Ecology, John Wiley and Sons, Inc., Nowy Jork

Motloch, J.L., 1991. Introduction to Landscape Design, Van Nostrand Reinhold, New York

Breakdown of average student's workload

	Hours	ECTS
Total workload	125	4,0
Classes requiring direct contact with the teacher	65	2,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹	60	2,0

¹ delete or add other activities as appropriate