



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Rural Theory

Course

Field of study

Architecture

Area of study (specialization)

-

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

III/6

Profile of study

general academic

Course offered in

polish/english

Requirements

compulsory

Number of hours

Lecture

15

Laboratory classes

0

Other (e.g. online)

Tutorials

0

Projects/seminars

0

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

Assoc. Prof. D.Sc. Ph.D. Arch. Hanna Michalak

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Poznań University of Technology

Faculty of Architecture

ul. Jacka Rychlewskiego 2, 61-131 Poznań

tel. 61 665 32 60

Responsible for the course/lecturer:

Ph.D. Arch. Wojciech Skórzewski

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Faculty of Architecture

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Prerequisites

- student has a basic knowledge about trends in the development in the field of urban design
- student has an ability to obtain the information from literature, databases and other properly selected sources, can integrate and interpretate various pieces of information as well as draw conclusions and formulate and justify opinions
- student can make a critical analysis of the functioning of the designed area and evaluate the existing functional spatial solutions



- student understands the need of lifelong learning, can inspire and organise the learning process of other people
- student is aware of non-technical aspects and consequences of engineering activities, including their influence on the environment and responsibility for the decisions
- student identifies and resolves correctly dilemmas in terms of various spatial situations in the urban scale

Course objective

The set of lecture topics, which aim is getting knowledge about:

- history of rural settlement, characteristic types of village and field layouts in Europe, transformations of the rural landscape in the process of development of settlement and agriculture, origin of typical farm house
- spatial layout and design principles of the farmstead, farm buildings and facilities
- acquiring the ability to plan the location and design complexes of specialized multifunctional farms (functional and compositional guidelines, regionalism in architecture, design principles in line with the local construction tradition of vernacular architecture)
- contemporary problems and threats to rural areas in Europe
- planning methods and instruments for the proper management of rural areas, in accordance with the concept of sustainable development and the idea of rural renewal
- protecting cultural heritage of rural areas and making use of its potential for new forms of economic activation of villages (agritourism, local industry, thematic villages etc.)

Course-related learning outcomes

Knowledge

A.W1. architectural design for the implementation of simple tasks, in particular: simple facilities taking into account the basic needs of users, single- and multi-family housing, service facilities in residential complexes, public facilities in an open landscape or in an urban environment;

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;

Skills

A.U1. design an architectural object by creating and transforming space so as to give it new value - in accordance with a given program that takes into account the requirements and needs of all users;

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;

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:

The cycle of lectures ends with a written examination in the form of a test (including descriptive and drawing tasks). There are two dates of examinations predicted, the second one is the resit examination.

Summary grade:

- grade obtained in the written examination

Adopted grade scale:

2,0 (unsatisfactory)

3,0 (satisfactory)

3,5 (satisfactory plus)

4,0 (good)

4,5 (good plus)

5,0 (very good)

Programme content

- Farmstead development – spatial layout and design principles. Buildings in farmstead, regulations on the location of buildings and facilities, technological and driving lanes.



- Specialized farms - livestock buildings, outbuildings.
- Rural settlement development – history and regional diversity. Development of farming methods across the history and their influence on the village layout. Influence of natural and geographical conditions and socio-economic factors on the development of settlement. Types of villages, field layouts, colonization actions.
- Cultural heritage of rural areas. The identity of the place. Use of cultural heritage in rural regeneration projects.
- Spatial planning in rural areas. Instruments for shaping and protecting the rural landscape.
- Social and economic transformation of rural areas. Contemporary problems, risks and chances for development, new functions in rural areas.

Teaching methods

Lecture with multimedia presentation

eKursy (eLearning Moodle) – online system supporting the process of teaching and distant learning

Bibliography

Basic

Bogusz Wanda, Projektowanie architektoniczne i budownictwo regionalne, Wydawnictwo Szkolne i Pedagogiczne, Warszawa, 1999, 83-02-03627-7.

Czarnecki Witold, Podstawy ruralistyki z elementami budownictwa wiejskiego, Białystok 2004.

Kamiński Zbigniew J., Współczesne planowanie wsi w Polsce - zagadnienia ruralisty, Politechnika Śląska, 2008, 978-83-7335-515-6.

Neufert Ernst, Architects' Data, 4th edition, John Wiley & Sons, 2012.

Rzymkowski Andrzej, Chowaniec Mieczysław; Planowanie obszarów rolniczych i budownictwo wiejskie, Arkady, Warszawa, 1972.

Thorbeck Dewey, Architecture and Agriculture: A Rural Design Guide, Taylor and Francis, Routledge, 2017.

Wieczorkiewicz Wiesław, Budynek mieszkalny na wsi, Arkady, Warszawa, 1988, 82-213-3379-6.

Wiśniewska Miriam, Planowanie osiedli wiejskich, Arkady, Warszawa, 1984, 83-213-3230-7.0

E-script for the course „Rural Theory”.

Additional

Architektura krajobrazu, (praca zbiorowa), PWN; Warszawa, Kraków, 1979, 83-01-00829-6.



Bogdanowski Janusz, Kompozycja i planowanie w architekturze krajobrazu, Ossolineum Wrocław, 1976.

Burszta Józef (red.), Kultura ludowa Wielkopolski, Poznań, 1964.

Czerwiński Tomasz, Budownictwo ludowe w Polsce, Sport i Turystyka Muza SA, Warszawa, 2006, 83-7495-043-9.

Lenard Jan Z., Tłoczek Ignacy; Budynek w zagrodzie, Warszawa, 1975.

Michalak Hanna, Rewaloryzacja architektoniczna zespołów folwarczno-dworskich jako element równowagi ekologicznej sieci osiedleńczej Wielkopolski, Sprawozdanie z realizacji projektu badawczego KBN Nr 7TO7F00819, Poznań 2001, (na prawach maszynopisu), biblioteka Wydziału Architektury Politechniki Poznańskiej.

Pogodziński Zdzisław, Planowanie przestrzenne terenów wiejskich, PWN, Warszawa, 1975.

Tłoczek Ignacy, Dom mieszkalny na polskiej wsi, PWN, Warszawa, 1985, 83-01-04218-4.

Wojciechowski Lech, Budynek inwentarskie w nowoczesnej zagrodzie, Państwowe Wydawnictwo Rolnicze i Leśne, Warszawa, 1984, 83-09-00855-4.

Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,0
Classes requiring direct contact with the teacher	16	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹	34	1,0

¹ delete or add other activities as appropriate