

DESIGN OF RURAL SETTLEMENTS

General information	
<i>Subject</i>	Design of Rural Settlements
<i>Faculty</i>	Faculty of Civil Engineering, Architecture and Environmental Engineering
<i>Course of study</i>	Architecture
<i>Profile</i>	General academic
<i>Type of study</i>	I level with the degree of Eng. Arch.
<i>Starting semester</i>	Winter semester

Information about the subject	
<i>Semester</i>	5
<i>Number of ECTS points</i>	5
<i>Subject type</i>	obligatory
<i>Language of instruction</i>	English
<i>Syllabus prepared by</i>	Anna Bazan-Krzywoszańska PhD Eng.

Type of class					
<i>Course type</i>	<i>Number of classes per semester (full time studies)</i>	<i>Number of classes per week (full time studies)</i>	<i>Number of classes per semester (part time studies)</i>	<i>Number of classes per week (part time studies)</i>	<i>Credit type</i>
Lecture	15	1	-	-	Credit with a grade
Project	30	2	-	-	Credit with a grade

Subject objective
<p>1. The objective in terms of knowledge is to familiarize the student with basic types and forms of settlements in Poland from the formation of medieval settlements to contemporary settlements, the layout and division of habitat plots, the functional and spatial arrangement of particular types of villages.</p> <p>2. The objective in terms of skills is to teach the student to analyze the layout of a selected village, taking into account the functional, spatial, historical, cultural, topographical, environmental and social assessment of the existing development status and to draw conclusions about the potential of the rural layout.</p> <p>3. The objective in terms of personal and social competences is to prepare the student to independently expand knowledge, experience and skills while performing individual or project tasks inventory and study tasks in class and during field studies.</p>

Initial requirements
<p>Formal:</p> <p style="padding-left: 20px;">The student must first obtain a credit for the following subjects: Basics of urban design, History of architecture and city construction, Basics of environmental protection.</p>

Subject scope
<p>Lecture:</p> <p style="padding-left: 20px;">Basic concepts and urban definitions of rural layouts, including the main elements having an impact on rural settlements such as: cultural, economic, social, topographical - environmental,</p>

political and legal conditions. Kinds of the typology of the self-made villages, founded on the so-called law, grange, co-owned, sustainable and self-sufficient villages, thematic ones and others supported by European Union assistance programmes. Historical and contemporary spatial layouts of farm buildings with various habitat systems and their impact on the environmental conditions of human existence. Historical and contemporary types and types of communication systems in rural areas, their advantages and disadvantages. Characteristics of systems and types of greenery in rural areas. Functional and spatial organization of rural elements of spatial development of villages and the impact of these systems on their internal and external accessibility.

Project:

The preparatory part for the project:

1. The student and their team prepare a detailed rural inventory in selected areas of the design study, historical development areas and contemporary villages.
2. The student analyzes the collected and processed inventory source material in terms of functionality, culture, environment, technology, aesthetics and social aspects.

The main part of the project:

1. Based on the results of the inventory analyses the student and their team prepare a comprehensive assessment of the existing development status, selected for the design study of the village areas.
2. The student uses the results of the overall rural evaluation of the existing state of rural development to draw conclusions/prepare guidelines for the graphic form on the map for the concept of transforming the spatial layout of a selected village.

Educational methods

Explanation methods: Lecture - conducted in a conventional manner using audio-visual devices.

Research methods: Project – classes are conducted in project teams, which carry out individual and teamwork inventory and study tasks.

Education results and verification methods

<i>Description</i>	<i>Symbol</i>	<i>Verification method</i>	<i>Type of class</i>
The student knows the basic concepts and definitions of village urban settlements and the main elements of spatial development of rural areas; distinguishes urban graphic designations on maps and drawings of project documentation and indicates basic methods and techniques of rural analysis	K_W05 K_W06	– test - oral, descriptive, etc.	Lecture
The student can acquire project data from planning documentation, from literature and from field studies, make a preliminary analysis and assessment of the existing state of rural buildings. The student can use methods useful in urban inventory work in rural buildings. The student can present their own inventory studies, which are performed during periodic reviews using technical and material means	K_U01 K_U02 K_U04	– observation and evaluation of participation in class, – observation and evaluation of the student's practical skills	Project
The student is aware of the need to independently extend knowledge, experience and skills while performing individual planning and inventory tasks in class and in the field, individually and in a project team. The student is prepared for individual work and cooperation in	K_K01 K_K02 K_K03	– observation and evaluation of participation in class	Lecture, project

a project team on a designated urban engineering task at the basic level of complexity. The student is focused on urban protection of cultural, utility, environmental, technical, aesthetic and social values of rural buildings			
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Requirements to obtain a credit

Assessment of the educational objective in terms of: knowledge, skills and competences is based on a credit for the subject as a grade for a test with points:

50% - 60% correct answers	satisfactory
61% - 70%	satisfactory+
71% - 80%	good
81% - 90%	good+
91% - 100%	very good

Student's work

<i>Student's work</i>	<i>Full time study (h)</i>
Interaction with the teacher (classes; consultations; exam, etc.)	75
Student's individual work (preparation for the classes, test exam; literature research preparation of: written paper, project, presentation, report, speech; etc.)	50
<i>Total</i>	125
<i>ECTS points</i>	<i>Full time study</i>
Work with a teacher	3
Work without a teacher	2
<i>Total</i>	5

Basic literature

1. Jerzy Bański, Marcin Mazur, Classification of *rural* areas in *Poland* as an instrument of territorial policy, *Land Use Policy*, 54, 2016, p. 1-17.
2. Małgorzata Dudzińska, Stanisław Bacior, Barbara Prus, Considering the level of socio-economic development of *rural* areas in the context of infrastructural and traditional consolidations in *Poland*, *Land Use Policy*, 79, 2018, p. 759-773.
3. Anna Górńska, Landscape *Rurality*: New Challenge for The Sustainable Development of *Rural* Areas in *Poland*, *Procedia Engineering*, 161, 2016, p.1373-1378.
4. Anna M. Klepacka, Wojciech J. Florkowski, Ting Meng, Clean, accessible, and cost-saving: Reasons for *rural* household investment in solar panels in *Poland*, *Resources, Conservation and Recycling*, 139, 2018, p. 338-350.
5. Adrianna Kupidura, Michał Łuczewski, Robert Home, Przemysław Kupidura, Public perceptions of *rural* landscapes in land consolidation procedures in *Poland*, *Land Use Policy*, 39, 2014, p. 313-319.

Complementary literature

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Notes

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