

COURSE DESCRIPTION CARD			
The name of the course/module RURAL THEORY		Code A_K_1.6_004	
Main field of study ARCHITECTURE		Educational profile (general academic, practical) general academic	Year / term III/6
Specjalization -		Language of course: Polish	Course (core, elective) core
Hours: Lectures: 30 Classes: - Laboratory classes: - Projects / seminars:			Number of points 2
Level of qualification: I	Form of studies (full-time studies/part-time studies) Full-time studies and part-time studies	Educational area(s) Technical Sciences	ECTS distribution (number and %) 2 100%
Course status in the studies' program (basic, directional, other) directional		(general academic, from a different major) -	
Lecturer responsible for the course: dr inż. arch. Hanna Michalak e-mail: hanna.michalak@put.poznan.pl Faculty of Architecture ul.Nieszawska 13C, 61-021 Poznań tel. 61 665 32 60		Lecturer: dr inż. arch. Hanna Michalak e-mail: hanna.michalak@put.poznan.pl Faculty of Architecture ul.Nieszawska 13C, 61-021 Poznań tel. 61 665 32 60	
Prerequisites defined in terms of knowledge, skills, social competences:			
1	Knowledge:	<ul style="list-style-type: none"> ▪ student has basic knowledge of development trends in urban planning, 	
2	Skills:	<ul style="list-style-type: none"> ▪ student can acquire information from publications, data bases and other Polish and English sources, can interpret and integrate the said information and draw conclusions as well as voice and justify opinions, ▪ student can carry out critical analysis of the manner of operation of designing terrain and assess the existing functional solutions in space, ▪ student can identify and on the basis thereof, can draw up specifications of practical tasks in the scope of urban planning, 	
3	Social competences:	<ul style="list-style-type: none"> ▪ student understands the need for lifelong learning, can inspire and organize process of learning other people, ▪ student is aware of the importance of non-technical aspects and effects of engineering activities, in this impact upon the environment and liability for environment affecting decisions, ▪ correctly identify and resolve dilemmas in the scope of different spatial situations on the urban planning scale. 	
Objective of the course:			
Block of lectures topics, which objective is knowledge of: <ul style="list-style-type: none"> ▪ history of rural settlements, characteristic types of countryside arrangements and layouts of soils and modification of agricultural landscape in the process of settlement development and agricultural economy, genesis of apartment building in the Polish countryside, ▪ planning methods and instruments for correct management of rural areas, according to conception of sustainable development and the idea of countryside renovation (development strategies and programs, harmonious combination of settlement activity with the natural environment, ▪ contemporary problems and threats of rural areas in Poland and Europe, ▪ formation and use the values of rural landscape and resources of cultural heritage, the new forms of economic activation of countryside (agrotourism, local industry, themed villages), ▪ obtain the ability to planning location and designing the complex of facilities – specialised multi-functional farms [the legislation, functional and compositional outlines, regionalism in architecture, principles of designing in accordance to local building tradition (vernacular architecture)]. 			

Learning outcomes		
Knowledge:		
W01	Student has basic knowledge on modern trends in architectural designing	AU1_W02
W02	Student has knowledge required for the understanding of social, economic, legal and other determinants and consequences outside the engineering field of spatial planning documents and knowledge related to development of rural areas.	AU1_W03
Skills:		
U01	Student can acquire information from field specific literature, data bases and other properly selected sources in Polish and English, can integrate the acquired information, interpret, as well as draw conclusions and come up with opinions supported with satisfactory reasons.	AU1_U01
U02	Student has self-education skills.	AU1_U02
U03	Student can identify the existing functional and spatial resources of rural areas, can evaluate these resources and come up with respective conclusions on possible transformations on the architectural and urban scale.	AU1_U13
Social competences:		
K01	Student is aware of the importance of non-technical aspects and effects of engineering activities, in this impact upon the environment and liability for environment affecting decisions.	AU1_K05
K01	Student is aware of the social and humanistic aspects of the architect's work - a profession of public trust	AU1_K09
The evaluation methods:		
<p>A series of lectures of „Rural theory” end with exam. There are two exams in the session, but the second term is resit exam. Exam is in the form of descriptive and drawing test.</p> <p>Summative assessment:</p> <ul style="list-style-type: none"> ▪ grade for written exam is issued on the basis of points sum obtained for individual partial questions (knowledge and drawing skills). <p>Final grading scale: 3,0; 3,5; 4,0; 4,5; 5,0.</p> <p>Positive grade for module depends on achieved by student all learning outcomes specified in the syllabus.</p>		
Course contents		
<p>Lectures:</p> <ul style="list-style-type: none"> ▪ Farmstead development. Buildings in farmstead, regulations related to location of buildings and devices, technological lines and traffic lines. ▪ Specialised farms – farm buildings and ancillary buildings. ▪ Genesis of apartment building in the Polish countryside. ▪ Cultural heritage. Identity of a place. Use the cultural heritage in revitalization projects of rural areas. ▪ History of rural settlement. Impact of natural and geographic consideration and socio-economic factors on the settlement development. Differentiation of rural landscape of Poland on the background of different environmental conditions and historical development. ▪ Modifications of landscape in process of settlement development and agricultural economy – early-feudal countryside, medieval colonization actions, farm-hand economy, Dutch settlement, transformations of 19th and 20th century, contemporary directions of transformation. Types of countryside and layouts of soils. ▪ Farm-hand and courtly assumptions as an element typical for countryside of Wielkopolska. ▪ Economic activation of rural areas. Rural tourism and agrotourism, principles of designing. Teleinformatics in the countryside – the idea of Telecottage. Themed villages. ▪ Idea of countryside renovation – programs supporting local development. ▪ Regionalism in architecture, designing according to local building tradition (vernacular architecture), materials, detail. Review of rural buildings in the world and in Poland. ▪ Formation of correct structure of agricultural landscape (compositional elements of green areas, landscape issues in designing the rural roads and streets, functions of greenery in rural landscape, greenery in plans of commune development. ▪ Local area plan of commune as instruments of creation of spatial order. 		
Basic bibliography:		
1. Bogusz Wanda „Projektowanie architektoniczne i budownictwo regionalne”, Wydawnictwo Szkolne i		

Pedagogiczne, Warszawa 1999

2. Czerwiński Tomasz „Budownictwo ludowe w Polsce”, Sport i Turystyka Muza SA, Warszawa 2006
3. Kamiński Zbigniew J. „Współczesne planowanie wsi w Polsce - zagadnienia ruralisty, Politechnika Śląska, 2008 r.
4. Korzeniowski Władysław „Nowe warunki techniczno – budowlane 2003”, PUWHiP „POLCEN” sp.z o. o., Warszawa 2003
5. Lenard Jan Z., Tłoczek Ignacy „Budynki w zagrodzie”, Wydawnictwo Arkady, Warszawa 1975
6. Neufert Ernst „Podręcznik projektowania architektoniczno – budowlanego”, Wydawnictwo Arkady, Warszawa 2000
7. Wiśniewska Miriam „Planowanie osiedli wiejskich”, Wydawnictwo Arkady, Warszawa 1984
8. Wojciechowski Lech „Nowoczesna zagroda”, Państwowe Wydawnictwo Rolnicze i Leśne, Warszawa 1989
9. pod redakcją Burszty J. „Kultura ludowa Wielkopolski” Poznań 1960
10. Tłoczek Ignacy „Dom mieszkalny na polskiej wsi” Wydawnictwo PWN, Warszawa 1985
11. Wieczorkiewicz Wiesław „Budynek mieszkalny na wsi” Wydawnictwo Arkady, Warszawa 1988

Supplementary bibliography:

12. Agenda 21 .
13. "Architektura krajobrazu" (praca zbiorowa) PWN, W-wa, Kraków 1979
14. Bogdanowski Janusz "Kompozycja i planowanie w architekturze krajobrazu" Ossolineum 1976
15. Ostrowski Waclaw "Wprowadzenie do historii budowy miast" Oficyna Wydawnicza Politechniki Warszawskiej, W-wa 1996
16. Wojciechowski Lech „Budynki inwentarskie w nowoczesnej zagrodzie”, Państwowe Wydawnictwo Rolnicze i Leśne, Warszawa 1984

The student workload

Form of activity	Hours	ECTS
Overall expenditure	60	2
Classes requiring an individual contact with teacher	45	
Practical classes		

Balance the workload of the average student

Form of activity	Number of hours
participation in lectures	45 h
preparation to the exam	13,5 h
attendance at exam	1,5 h

Overall expenditure of student: **2 ECTS credits** **60 h**

As part of this specified student workload:

- activities that require direct participation of teachers

45 h + 1,5 h = 46,5 h **2 ECTS credits**