COURSE DESCRIPTION CARD

The name of the course/module		Code
RURAL ARCHITECTURE DESIGN		**A_K_1.6_005**
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: **-** Classes: **-** Laboratory classes: **-** Projects / seminars: **45**		Number of points **3**

Level of qualification:	**Form of studies** (full-time studies/part-time studies)	**Educational area(s)**	**ECTS division (number and %)**
I	**Full-time studies and part-time studies**	**Technical Sciences**	**3 100%**

Course status in the studies' program (basic, directional, other) (general academic, from a different major)

directional

Lecturer responsible for the course:

prof. dr hab. inż. arch. Wojciech Bonenberg
e-mail: wojciech.bonenberg@put.poznan.pl
Faculty of Architecture
ul. Nieszawska 13C, 61-021 Poznań
tel: 61 665 32 60

Lecturer:

prof. dr hab. inż. arch. Wojciech Bonenberg
e-mail: wojciech.bonenberg@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:**	- Student has basic knowledge on modern trends in architectural designing and urban planning as well as rules of Vernacular architecture,
2	**Skills:**	- Student can carry out critical analysis of the manner of operation of designing facility and assess the existing functional solutions in space - Student can identify a design problem and on the basis thereof, can draw up specification of practical tasks in the scope of urban planning
3	**Social Competences:**	- 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 - Student correctly identifies and resolves dilemmas in various spatial situations in urban scale.

Objective of the course:

Presentation knowledge of general engineering and urban planning in the spirit of Vernacularism with respect for spatial tradition and natural values of place. Very essential is sensitize students in the scope of designing, which connect parameters and functional requirements as well as technological aspects of farm buildings but also take into account visual, compositive and landscape dependencies.

In urban planning context the objective of the course is seeking architectural solutions enrolling in landscape specifics of surrounding, emphasizing the rural functions of area and its landscape values as well as seeking the architectural typology and spatial specifics of region in terms of anthropogenic which purpose is finding appropriate building forms.

Learning outcomes

Knowledge:		
W01	Student has explicit, theoretically based knowledge including the key issues of rural architecture design as well as technical and formal and legal principles of rural architecture design;	**AU1_W01**
W02	Student has basic knowledge in the understanding of social, economic, legal and other determinants outside the engineering activity of rural architecture design;	**AU1_W03**
W03	Student knows the basic methods, techniques, tools and materials used at solving engineering tasks of rural architecture design.	**AU1_W09**
Skills:		
U01	Student can acquire information from publications, data bases and other sources, can interpret the said information and draw conclusions as well as voice and justify opinions;	**AU1_U01**
U02	Student can design a simple urban complex and facility of rural architecture in the defined urban and landscape context and can select appropriate construction and building solutions;	**AU1_U14** **AU1_U15**
U03	Student can draw and dimension the basic structural and construction elements in an architectural concept and in the building plans and designs;	**AU1_U06**
U04	Student can, when formulating engineering tasks and solving them, notice their social, historical, natural, economic and legal aspects and well as aspects related to landscape;	**AU1_U16**
U05	Student has self-education skills.	**AU1_U02**
Social competences:		
K01	Student understands the need of continuous self-education - improvement of professional, personal and social competences;	**AU1_K03**
K02	Student can work over a set task independently and can cooperate in a team, assuming a number of different roles therein; demonstrates responsibility in the work performance.	**AU1_K01**

The evaluation methods:

Formative assessment:
Evaluation of learning outcomes is carried out at each of several stages of project implementation in form of reviews assessment.
Final grading scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0
Summative assessment:
Final evaluation consist of average of partial grades for reviews, grade for activity and student involvement during term work as well as substantive and graphical quality of final project.
Final grading scale: 3,0; 3,5; 4,0; 4,5; 5,0
Positive grade for module depends on achieved by student all learning outcomes specified in the syllabus.

Course contents

Design topics implementing during classes include planning rural areas in the scope of designing installation complexes or single facilities with residential, services function as well as services and trade function.
Topics concern especially less developed rural areas, requiring deliberate actions in the scope of development as well as natural environment protection and existing anthropogenic values.
First of all the emphasis is on methods of rural design – Vernacularism:

- importance of tradition,
- adjustment of design solution to bioclimatic conditions,
- landscape, cultural, anthropogenic and natural context.

Students prepare and present individual solutions of particular problem in rural environment: multifunctional farm placed in settlement rural unit type with various scale.

Basic bibliography:

- Kamiński Zbigniew J. „Współczesne planowanie wsi w Polsce - zagadnienia ruralisty, Politechnika Śląska, 2008 r.
- Korzeniowski Władysław „Nowe warunki techniczno – budowlane 2003", PUWHiP „POLCEN" sp.z o. o., Warszawa 2003
- Lenard Jan Z., Tłoczek Ignacy „Budynki w zagrodzie", Wydawnictwo Arkady, Warszawa 1975
- Wiśniewska Miriam „Planowanie osiedli wiejskich", Wydawnictwo Arkady, Warszawa 1984
- Wojciechowski Lech „Nowoczesna zagroda", Państwowe Wydawnictwo Rolnicze i Leśne, Warszawa 1989, pod redakcją Burszty J. „Kultura ludowa Wielkopolski" Poznań 1960

- Tłoczek Ignacy „Dom mieszkalny na polskiej wsi” Wydawnictwo PWN, Warszawa 1985
- Wieczorkiewicz Wiesław „Budynek mieszkalny na wsi” Wydawnictwo Arkady, Warszawa 1988

Supplementary bibliography:

"Architektura krajobrazu" (praca zbiorowa) PWN, W-wa, Kraków 1979

Bogdanowski Janusz "Kompozycja i planowanie w architekturze krajobrazu" Ossolineum 1976

Wojciechowski Lech „Budynki inwentarskie w nowoczesnej zagrodzie”, Państwowe Wydawnictwo Rolnicze i Leśne, Warszawa 1984

The student workload

Form of activity	Hours	ECTS
Overall expenditure	75	3
Classes requiring an individual contact with teacher	55	2
Practical classes	75	-

Balance the workload of the average student

Form of activity	Number of hours
participation in lectures	0 h
participation in classes/ laboratory classes (projects)	45 h
preparation for classes/ laboratory classes	-
preparation to colloquium/final review	20 h
participation in consultation related to realization of learning process	10 h
preparation to the exam	-
attendance at exam	-

Overall expenditure of student: **3 ECTS credits** **75 h**

As part of this specified student workload:

- activities that require direct participation of teachers:

  2 ECTS credits

  20 h + 55 h = 75 h