

THE CARD OF DESCRIPTION THE EDUCATION MODULE

Name of course/module TOWN PLANNING TRAINING		Code AU_K_1.4_010	
Main field of study ARCHITECTURE AND URBAN PLANNING		Education profile (general academic, practical) general academic	Year / Semester II/4
Specjalization -		Language of course: Polish	Course (core, elec- core
Hours Lectures: - Classes: 40 Laboratory classes: - Projects / seminars: -			Number of points 1
Level of qualification: I	Form of studies (full-time studies/part-time studies) Full-time studies	Education area(s) Technical Sciences	ECTS division (num- ber and %) 1 pkt 100 %
Course status in the study program (basic, directional, other) directional		(general academic, from other field of study) general academic	
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Prerequisites of knowledge, skills, social competences:			
1	Knowledge:	<ul style="list-style-type: none"> ▪ student has explicit, theoretically based knowledge including the key issues of urban planning, ▪ student has knowledge of development trends in urban planning, ▪ student has knowledge required for the understanding of social, economic, legal and other determinants outside the engineering field of the urban planning, ▪ knows the basic methods, techniques, tools and materials used at solving simple engineering tasks in the scope of urban planning, 	
2	Skills:	<ul style="list-style-type: none"> ▪ 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, ▪ student can identify a design problem and on the basis thereof, can draw up specification of practical tasks in the scope of urban planning, ▪ student can design a housing urban complex with residential and service functions, 	
3	Social competences:	<ul style="list-style-type: none"> ▪ 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, ▪ can work and cooperate in a team, assuming a number of different roles therein, ▪ correctly identifies and solves dilemmas in the scope of various 	

		spatial situations in the urban planning scale.
Objective of the course:		
<ul style="list-style-type: none"> ▪ familiarize with determinants and practical problems related to urban planning processes, ▪ acquisition of knowledge and skills of urban planning principles in the scope of forming the spatial structure of the city, ▪ get the ability to urban planning in the scope of urban analyses, definition of programmatic and spatial assumptions and creation of optimal conception of land management and building development, taking account of principles of urban composition and forming the optimal city image, ▪ get the ability to development of model concept of city spatial development with respect to local determinants, ▪ get the ability to creative look at the city space and the use innovative solutions in urban planning, ▪ get the ability to work in groups over given topic, ▪ development of project of selected fragment of small town, familiarize with determinants and issues related to urban planning and planning processes, ▪ get the ability to designing the urban complex as regard to urban analyses, definition of programmatic and spatial assumptions and creation of optimal conception of land management and building development, taking account of principles of urban composition and forming the optimal city image, ▪ Project concerns conception of land management and building development of selected area in urban space, as a multifunctional service center with different functional dominant: trade, business, culture, sport, entertainment, education etc. General conception of the whole is developed on the scale 1:1000 or 1:2000 with sections, visualization presenting connections with urban context (basic boards). Detailed concept – of management and arrangement of selected fragment of public space in the scale 1:500 (implemented urban) with visualization, perspective views and urban planning detail. 		
Learning outcomes		
Knowledge:		
number (symbol)	Having completed the course, student can:	Reference to the outcomes of the learning process in the area of technical sciences
W01	Has knowledge in the scope of theories of architectural designing and urban planning.	AU1_W12
W02	Has detailed knowledge of fundamentals of architectural designing and urban planning as well of the spatial composition.	AU1_W13
W03	Knows issues of landscape architecture and sustainable spatial development.	AU1_W17
W04	knows the basic methods, techniques, tools and materials used at solving engineering tasks of urban planning and rural planning and tasks of technical infrastructure of the city	AU1_W18
Skills:		
U01	can, thanks to understanding the relationships between the object the surroundings, identify the existing functional and spatial resources, can evaluate these resources and come up with respective conclusions on possible transformations in architecture and town planning; can prepare the land development plan for terrain characterized with increasing degree of complexity	AU1_U21
U02	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_U25
U03	can use various technical and material means for the presentation of an architectural or urban idea	AU1_U27

Social competences:		
K01	is aware of the importance of the solutions proposed by an architect and liability arising thereunder	AU1_K08
K02	is aware of the social and humanistic aspects of the architect's work - a profession of public trust	AU1_K09
Methods of check the learning outcomes		
<p>Forming evaluation:</p> <p>Partial reviews checking the progress of student work – presentation in the forum of group, joint discussion; 2 reviews during town planning training, positive assessments from reviews are necessary to credit the course. The final review assessment presenting final achievements of students with partial reviews assessments is a basic of summary score.</p> <p>REVIEW 1 Closing the stage of analyses: analyses, in the scales corresponding to the topic.</p> <p>REVIEW 2 Review of works progress on design conception. Presentation of works progress in the drawing and text form (description on the board).</p> <p>REVIEW 3 Final review of works presented in the drawing and text form (description on the board) and/or defense in groups.</p> <p>Final grading scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0</p>		
<p>Summary score: final review at the last classes – projects exhibition, which authors make a presentation adopted design solutions in the forum of group.</p> <p>To get positive grade from course, student should meet the following conditions:</p> <ul style="list-style-type: none"> - design work has to be implemented according to above mentioned scope of development, - the amount of absences may not exceed 30 % per semester, - must be obtained the positive assessments from all 3 reviews, - design work must be developed graphically in readable, aesthetic and innovative manner, - final assessment is sum of grades from reviews, substantive and graphic value of project and activity during classes. <p>Final grading scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0</p>		
Course contents		
<p>Development of vision of city spatial development (fragment of city, district) taking account of the future forms of spatial management.</p> <p>analytical part: analysis of cartographic materials, territorial inquiry documented with photos, critical analysis of current determinants and directions of city spatial development, SWOT analysis – conclusions, design guidelines – determination of commune functional profile in the future.</p> <p>Design part: Individual work or in design teams (3-4 people), covering implementation of project of spatial development of city fragment (scale 1:1000, 1:2000). In the project should take account of following issues:</p> <p>zoning: terrain partition into functional zones,</p> <p>greenery: spatial layout and designation of green areas with partition into functional areas, building development: system, spatial layout and functions of built-up areas. Determination of basic urban planning indicators, transport: internal connections,</p> <p>indication of elements in spatial development, which will act as economic activation.</p>		

Basic bibliography:

1. Adamczewska-Wejchert H., *Małe miasta*, Warszawa 1986
2. Czarnecki W. *Planowanie miast o osiedli*. PWN. Warszawa. 1965.

Complementary bibliography:

1. Ast R., *Architektura w procesie inwestycyjnym*, Poznań 1997,
2. Ast R., *Kształtowanie przestrzeni regionów i miast. Wybrane zagadnienia*, Poznań 2001,
3. Cichy-Pazder E., *Humanistyczne podstawy kompozycji miast*, Kraków 1998,
4. Matyjaszkiewicz J., Putkowski D., *Zarys projektowania przestrzennego*, Warszawa 1977,
5. Peters P., Rosner R., *Małe zespoły mieszkaniowe*, Warszawa 1983,
6. Tolwiński. T., *Urbanistyka, tomy-I, II, III*, Warszawa 1939,

The workload of student

Form of activity	Hours	ECTS
Total workload	40	1
Activities that require individual contact with the teacher	40	-
Activities of practical	0	-

Balance the workload of the average student

Form of activity	Number of hours
participation in lectures	0 h
participation in classes/ laboratory classes (projects)	40 h
preparation for classes/ laboratory classes	0 h
preparation to colloquium/final review	0 h
participation in consultation related to realization of learning process	0 h
preparation to the exam	0 h
attendance at exam	0 h

Total workload of student:

1 ECTS credit**40 h**

As part of this specified student workload:

- activities that require direct participation of teachers:

40h**1 ECTS credit**