

MODULE SPECIFICATION

Module code	
Module title in Polish	Planowanie przestrzenne
Module title in English	Spatial Planning
Module running from the academic year	2016/2017

A. MODULE IN THE CONTEXT OF THE PROGRAMME OF STUDY

Field of study	Civil Engineering
Level of qualification	First cycle <i>(first cycle, second cycle)</i>
Studies profile	Academic <i>(academic/practical)</i>
Mode of study	Full-time <i>(full-time / part-time)</i>
Specialism	
Organisational unit responsible for module delivery	The Department of Architecture and Town Planning
Module co-ordinator	Andrzej Żaboklicki, PhD, Eng.
Approved by	Marek Iwański, Professor

B. MODULE OVERVIEW

Module type	Core module <i>(core/programme-specific/elective HES*)</i>
Module status	Compulsory module <i>(compulsory / non-compulsory)</i>
Language of module delivery	English
Semester in the programme of study in which the module is taught	Semester 4
Semester in the academic year in which the module is taught	Summer semester <i>(winter / summer)</i>
Pre-requisites	None <i>(module code/module title, where appropriate)</i>
Examination required	No <i>(yes / no)</i>
ECTS credits	1

Mode of instruction	lectures	classes	laboratories	project	others
Total hours per semester	30				

* elective HES – elective modules in the Humanities and Economic and Social Sciences

C. LEARNING OUTCOMES AND ASSESSMENT METHODS

Module aims	The aim of the module is to familiarise students with: basic knowledge as regards urban and spatial planning. Other aims include: utilising information as regards the history of city construction as well as the systems of settlements in studies concerning regional development and creating local development plans; preparing students for practical use of local land development plans.
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Module outcome code	Module learning outcomes	Mode of instruction (l/c/lab/p/ others)	Corresponding programme outcome code	Corresponding discipline-specific outcome code
W_01	A student knows the principles of spatial and town planning.	l	B_W20	T1A_W02
W_02	A student knows Act of Parliament concerning spatial planning and land development.	l	B_W08	T1A_W03; T1A_W07; T1A_W08
U_01	A student can use local land development plans.	l	B_U06	T1A_U03; T1A_U07; T1A_U15
K_01	A student understands the significance of the responsibility of engineering activity (including the reliability of the presented results of his/her own works together with their interpretation).	l	B_K02	T1A_K02; T1A_K05; T1A_K07

Module content:

1. Topics to be covered in the lectures

No.	Topics	Module outcome code
1.	Basic concepts as regards spatial and urban planning. The essence of spatial planning as well as the range of spatial land development plans. Environment, space, and place. Spatial planning as interdisciplinary action. The definition of a city and rural districts. City ecology and qualification criteria of cities.	W_01
2.	Settlement systems (the types and degree of concentrating workplaces). The boundaries of the settlement system. Complexity degree of settlement systems (elementary, simple, complex, and multiply-complex). A city, city agglomeration and conurbation.	W_01
3.	The history of city construction. The cities of ancient Mediterranean culture. The principles of the grid plan and Milesian system. The principles of constructing cities in the Ancient Rome. European cities in the Middle Ages and their characteristics. Modern cities. The studies and concepts of an ideal city. Cities and urban assumptions in the Renaissance, the Baroque, and Art. Nouveau.	W_01
4.	Modern directions and trends in designing cities and districts. The fundamentals of modern urban planning (Patrick Geddes, 1854-1932).	W_01
5.	Basic models of shaping settlement systems. Linear cities, e.g. Arturo Soria (1844-1920). Garden cities of Ebenezer Howard (1850-1928) as the fundamental of satellite cities. Concentration problems and threshold barriers in city development. Deconcentrational models of Theodore Fritch.	W_01
6.	An industrial city of Tony Garnier (1869-1948). The rebuilding of great European cities.	W_01
7.	The principles of preparing land development plans. Zoning as a functional division of urban space. The geometry of spatial systems and their complexity.	W_01 K_01
8.	Shaping and transforming residential housing. The values of residential housing and its protection.	W_01 K_01

9.	Service infrastructure in the city. Social and public administration services. Commercial services. The role of services in creating public space.	W_01
10.	Technical infrastructure in the city. The system of transport. Sanitary, and energy infrastructure.	W_01
11.	Green area in the system of open spaces. Utility function of urban green area.	W_01 K_01
12.	The aim and range of preparing stadia of conditions and directions spatial land development concerning a district.	W_01 K_01
13.	The range of project studies of local land development plans on the basis of the directive of the Ministry of Infrastructure from 26th August 2003. Marking on maps on the basis of PN-B-01027 and PN-EN-ISO 11091/2001.	W_01 W_02 U_01 K_01
14.	Basic assumptions of the Land Development Act from 2003. Physicographical and study papers for the needs of spatial planning. The location of the investment of public utility and determining the conditions of residential development and land development.	W_01 W_02 U_01 K_01
15.	Presenting sample local land development plans.	W_01 U_01

2. Topics to be covered in the classes
3. Topics to be covered in the laboratories
4. Topics to be covered in the projects

Assessment methods

Module outcome code	Assessment methods <i>(Method of assessment; for module skills – reference to specific project, laboratory and similar tasks)</i>
W_01	A final test
W_02	A final test
U_01	A final test
K_01	A final test

C. STUDENT LEARNING ACTIVITIES

ECTS summary		
	Type of learning activity	Study time/ credits
1	Contact hours: participation in lectures	30
2	Contact hours: participation in classes	
3	Contact hours: participation in laboratories	
4	Contact hours: attendance at office hours (2-3 appointments per semester)	
5	Contact hours: participation in project-based classes	
6	Contact hours: meetings with a project module leader	
7	Contact hours: attendance at an examination	
8		2
9	Number of contact hours	32 <i>(total)</i>

10	Number of ECTS credits for contact hours <i>(1 ECTS credit =25-30 hours of study time)</i>	1.3
11	Private study hours: background reading for lectures	
12	Private study hours: preparation for classes	
13	Private study hours: preparation for tests	5
14	Private study hours: preparation for laboratories	
15	Private study hours: writing reports	
16	Private study hours: preparation for a final test in laboratories	
17	Private study hours: preparation of a project/a design specification	
18	Private study hours: preparation for an examination	
19		
20	Number of private study hours	5 <i>(total)</i>
21	Number of ECTS credits for private study hours <i>(1 ECTS credit =25-30 hours of study time)</i>	0.2
22	Total study time	37
23	Total ECTS credits for the module <i>(1 ECTS credit =25-30 hours of study time)</i>	1
24	Number of practice-based hours <i>Total practice-based hours</i>	0
25	Number of ECTS credits for practice-based hours <i>(1 ECTS credit =25-30 hours of study time)</i>	0