

SYLLABUS

1. Information about the program

1.1 Higher education institution	Politehnica University Timisoara
1.2 Faculty ¹ / Department ²	Architecture and urban planning/ Architecture
1.3 Chair	—
1.4 Field of study (name/code ³)	Architecture/ 50.60.10
1.5 Study cycle	Master
1.6 Study program (name/code/qualification)	City planning and Landscaping / 50.60.10 / Master

2. Information about discipline

2.1 Name of discipline/The educational classe ⁴	Studies and Documentation of Urban and Spatial Planning / DA						
2.2 Coordinator (holder) of course activities	Assoc. prof. PhD. Arch. Cătălina BOCAN						
2.3 Coordinator (holder) of applied activities ⁵	Assoc. prof. PhD. Arch. Cătălina BOCAN						
2.4 Year of study ⁶	1	2.5 Semester	1	2.6 Type of evaluation	E	2.7 Regime of discipline ⁷	DI

3. Total estimated time (direct activities (fully assisted), partially assisted activities and unassisted activities⁸)

3.1 Number of hours fully assisted/week	3 ,of which:	3.2 course	2	3.3 seminar/laboratory/project	1
3.1* Total number of hours fully assisted/sem.	42 ,of which:	3.2* course	28	3.3* seminar/laboratory/project	28
3.4 Number of hours partially assisted/week	,of which:	3.5 project, research		3.6 training	3.7 hours designing M.A. dizertation
3.4* Number of hours pasrtially assisted/ semester	,of which:	3.5* project of research		3.6* training	3.7* hours designing M.A. dizertation
3.8 Number of hours of unassisted activities/ week	6 ,of which:	Additional documentation in the library, on specialized electronic platforms, and on the field			1
		Study using a manual, course materials, bibliography and lecture notes			3
		Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays			2
3.8* Total number of hours of unasssited asctivities/ semester	84 ,of which:	Additional documentation in the library, on specialized electronic platforms, and on the field			14
		Study using a manual, course materials, bibliography and lecture notes			42
		Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays			28
3.9 Total hrs./week ⁹	9				
3.9* Total hrs./semester	126				
3.10 No. of credits	5				

4. Prerequisites (where applicable)

1 The name of the faculty which manages the educational curriculum to which the discipline belongs

2 The name of the department entrusted with the discipline, and to which the course coordinator/holder belongs.

3 The code provided in HG - on the approval of the Nomenclature of fields and specializations / study programs, annually updated.

4 The educational classes of disciplines are: thoroughgoing study discipline (DA), advanced knowledge discipline (DCAV), synthe sis discipline (DS) or complementary discipline (DC).

5 The applied activities refer to: seminar (S) / laboratory (L) / project (P) / practice/training (Pr).

6 The year of study to which the discipline is provided in the curriculum .

7 Discipline may have one of the following regimes: imposed discipline (DI) or compulsory discipline (DOb)-for the other fundamental fields of studies offered by UPT or optional discipline (DO).

8 Within UPT, the number of hours from 3.1*, 3.2*,...,3.9* are obtained by multiplying by 14 (weeks) the number of hours from 3.1, 3.2,..., 3.9.

9 The total number of hours/week is obtained by summing up the number of hours from 3.1, 3.4 și 3.8.

4.1 Curriculum	•
4.2 Competencies	•

5. Conditions (where applicable)

5.1 of the course	<ul style="list-style-type: none"> • Enrolled on the UPT Virtual Campus platform to access teaching activities and materials. • In the context of online classes, students and teachers must have access to audio-video devices with the Zoom platform pre-installed and internet connection. • It is not allowed to use mobile phones to take or make calls or to interact on social platforms during the course
5.2 to conduct practical activities	<ul style="list-style-type: none"> • Enrolled on the UPT Virtual Campus platform to access teaching activities and materials. • In the context of online classes, students and teachers must have access to audio-video devices with the Zoom platform pre-installed and internet connection. • It is not allowed to use mobile phones for answering or making calls or for interaction on social platforms during the seminar; • For a good development of the educational process, it is necessary to avoid the delay of the students at the seminar. It is recommended to attend all discussions, not just individual ones • The terms of teaching and holding the seminar are set by the holder, and in the context of conducting classes online, will be achieved through the Zoom and Virtual Campus platforms. • Requests for their postponement will not be accepted for reasons other than objective reasons

6. Specific competencies acquired through this discipline

Specific competencies	<ul style="list-style-type: none"> • Knowledge and understanding of research methods and techniques of urban planning, as well as their correct use in professional and academic communication • Use of basic knowledge in the field of legislation to explain various types of concepts, situations and processes, related to their application in the field of urban planning • Applied some basic principles and methods in the professional legislative field to solve problems - well-defined situations in the field of urban planning in conditions of qualified assistance • Adequate use of standard evaluation criteria and methods specific to the field legislation, in order to evaluate and appreciate the merits and limits of some processes and programs as well as of some projects and working methods in the field of urban planning
Professional competencies ascribed to the specific competencies	<ul style="list-style-type: none"> • C2 The capacity to elaborate projects of urban and territorial planning, taking into account the legislative and institutional context, as well as the principles of sustainable development • C2.1 Advanced knowledge of methodological and practical developments regarding urban and territorial planning, as well as the adequate utilization of a certain professional vocabulary in order to communicate with specialists from different fields • C2.2 The utilization of specialised knowledge regarding urban and territorial planning in order to explain and interpret new situations, in broader contexts • C2.3 The integrated utilization of the methodological apparatus regarding urban and territorial planning, without having all the information required in order to solve new theoretical and practical problems • C2.4 The nuanced and pertinent utilization of evaluation methods and criteria in order to formulate opinions and substantiate constructive decisions, based on design notions in the field of urban and territorial planning • C2.5 The elaboration of professional projects of urban and territorial planning, taking into account the existing legislation, as well as the principles of sustainable development • C3 The capacity to sustainably plan (from an ecological, economic and social point of view), utilizing contemporary methods and techniques in the field of urban and territorial planning • C3.1 Advanced knowledge of theoretical and methodological developments regarding sustainability in the field of urban and territorial planning, as well as the adequate utilization of a certain professional vocabulary in order to communicate with specialists from different fields • C3.2 The utilization of specialised knowledge regarding sustainability in the field of urban and territorial planning in order to explain and interpret new situations, in broader contexts • C3.3 The integrated utilization of the theoretical and methodological apparatus regarding sustainability in the field of urban and territorial planning, without having all the information required in order to solve new theoretical and practical problems • C3.4 The nuanced and pertinent utilization of evaluation methods and criteria in order to formulate opinions and substantiate constructive decisions, based on the principles of sustainable development in the field of urban and territorial planning • C3.5 The utilization of sustainable development principles in order to elaborate professional projects in the field of urban and territorial planning

Transversal competencies ascribed to the specific competencies	•
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7. Objectives of the discipline (based on the grid of specific competencies acquired)

7.1 The general objective of the discipline	<ul style="list-style-type: none"> • The discipline aims to acquire a general image of the legislation in the field of urban planning • Acquiring the ability to select relevant information from the bibliography in the field. • Gaining the ability to evaluate and make judgments about selected information
7.2 Specific objectives	<ul style="list-style-type: none"> • Knowledge of issues related to urban legislation, understanding the profession in terms of current regulations • Acquiring the ability to use existing documentation and to extract information from them in order to create a contemporary urban planning documentation, consistent with the needs of society and not necessarily of a private investor

8. Content

8.1 Course	Number of hours	Teaching methods
Types of urban planning documentation in accordance with the Urban Law no. 350/2001 and Law 243/2009 Involvement of urban planners in the elaboration of urban planning documents in accordance with the Regulation on the acquisition of the right to sign for spatial planning and urban planning documents	2	Frontal activities Methods of oral communication: + type exposure: description, explanation, lecture + didactic conversation of collective debate / discussion + exploration through substitutes of reality - demonstration with the help of images Electronic resources - U.P.T. Virtual Campus
Methodology for elaborating the General Urban Plans	4	
Types of PUG. Similarities and differences in PUG elaboration for small localities and for large cities. Basic studies	2	
Methodology for elaborating the Zonal Urban Plans. Types of PUZ	2	
Zonal urban plan for subdivision - urban extension	2	
Zonal urban plan for a small territory + study of opportunity	2	
Zonal Urban Plan - functional area conversion	2	
Public utility objectives. Reserved areas. Norms	2	
Zonal Urban Plan - for protected built areas	2	
Detailed Urban Plan - methodology, role, evolution, content and competencies after the establishment of this type of urban documentation	2	
Correlations between different categories of documentation	2	
The process of approval and approval of urban planning documents Revisions and updates of urban planning and spatial planning documentation	4	
Bibliography¹⁰ 1. LAW no. 350/2001 on spatial planning and urban planning, completed and revised; 2. LAW no. 137/1995 on environmental protection 3. LAW no. 422/2001 on the protection of historical monuments 4. LAW no. 5/2000 on protected areas (PATN Section III) 5. LAW no. 215/2001 of the local public administration, completed and revised 6. LAW no. 453/2001 amending and supplementing Law no. 50/1991 7. LAW on the legal regime of roads (no. 82/1998 - approval of O.G. no. 43/1997) 8. LAW ON PUBLIC PROPERTY AND ITS LEGAL REGIME (NO. 213/1998) 9. H.G.R. no. 525/1996 as amended by H.G.R. no. 855/2001, for the approval of the General Urban planning Regulation 10. LAW no. 71/1996 on the approval of PATN - Section I - Ways of communication; 11. LAW 171/1996 on the approval of the National Spatial Planning Plan - Section II Water 12. LAW no. 5/2000 on the approval of the National Spatial Planning Plan - Section III - protected areas 13. LAW 351/2001 on the approval of the National Spatial Planning Plan - Section IV Localities Network		

¹⁰ At least one title must belong to the department staff teaching the discipline, and at least one title must refer to a relevant work for the discipline, a national and international work that can be found in the UPT Library.

14. LAW 575/2001 on the approval of the National Spatial Planning Plan - Section V Areas of natural risk		
15. „Effects of Current Sunlight Exposure Regulations on New Housing”, IOP Conference Series: Materials Science and Engineering, Proceedings of the 3rd World Multidisciplinary Civil Engineering, Architecture, Urban Planning Symposium WMCAUS 2018 (ISI, SCOPUS), 18–22 June 2018, Prague, Czech Republic, vol. 471 (coautor cu D. Bocan, A. Keller)		
8.2 Applied activities¹¹	Number of hours	Teaching methods
Similarities and differences in PUG elaboration for small localities and for large cities. – Examples Fundamental studies - Examples.	2	Methods of oral communication: + type statement: description, explanation, lecture + didactic conversation of collective debate / discussion Electronic resources - U.P.T. Virtual Campus Case studies, problem identification
Types of PUZ. Urban plans for housing lots - urban extension - Examples	2	
Zonal urban plan for a small territory. Zonal Urban Plan - functional area conversion. Examples	2	
Public utility objectives. Reserved areas. Norms. Examples	1	
Zonal Urban Plan - for protected built area. Examples	1	
Detailed Urban Plan - methodology, role, evolution, content and competencies after the establishment of this type of urban documentation - Examples	2	
Opportunity study. Examples	2	
Study theme presentation	2	
Bibliography¹²		
Law 5/2000 on the National Territorial Physical Plan - Section III - Protected areas, OJ 152/2000		
Law 351/2001 on the National Territorial Physical Plan - Section IV - Network of human settlements, OJ 408/2001		
Studies and territorial plans: www.mdrt.ro, www.urbanproiect.ro, www.incerc.ro etc.		
ESPON Studies: www.espon.org		
Methodological norms for elaborating urban planning and landscaping documentation		
Updated L350 / 2001 and methodological rules for application		
„Effects of Current Sunlight Exposure Regulations on New Housing”, IOP Conference Series: Materials Science and Engineering, Proceedings of the 3rd World Multidisciplinary Civil Engineering, Architecture, Urban Planning Symposium WMCAUS 2018 (ISI, SCOPUS), 18–22 June 2018, Prague, Czech Republic, vol. 471 (coautor cu D. Bocan, A. Keller)		

9. Corroboration of the content of the discipline with the expectations of the main representatives of the epistemic community, professional associations and employers in the field afferent to the program

- The content of this course is designed in accordance with the provisions of OAR - Order of Architects of Romania, as well as RUR - Register of Urban Planners of Romania
- Knowledge of the notions of legislation in the field of urban planning is essential for further professional development.
- Graduates must learn about urban planning legislation in order to apply them in direct practice (making urban planning documents) and related fields, and can be employed in a wide range of related professions: urban planner, public administration, law expert, etc.

10. Evaluation

Type of activity	10.1 Evaluation criteria ¹³	10.2 Evaluation methods	10.3 Share of the final grade
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¹¹ The types of applied activities are those mentioned in 5. If the discipline contains more types of applied activities then they are marked, consecutively, in the table below. The type of activity will be marked distinctively under the form: „Seminar:”, „Laboratory:”, „Project:” and/or „Practice/Training:”.

¹² At least one title must belong to the staff teaching the discipline.

¹³ The Syllabus must contain the evaluation method of the discipline, specifying the criteria, the methods and the forms of evaluation, as well as mentioning the share attached to these within the final mark. The evaluation criteria must correspond to all activities stipulated in the curriculum (course, seminar, laboratory, project), as well as to the methods of continuous assessment (homework, essays etc.)

10.4 Course	Knowledge and understanding of the theoretical notions taught, basic and specific. Achieving the required operational objectives: acquiring the ability to understanding the legislation, developing the capacity to put its compliant design into practice	Distributed evaluation - case study presentation. In case of carrying out teaching activities in the online environment, the examination will be carried out using the Zoom platform	30%
10.5 Applied activities	S: Degree of student's participation to activities - active attendance (debates the issues they face), full-time teaching required material, participation in discussions	Distributed evaluation. In case of carrying out the didactic activities in the online environment, the students will have to upload the projects on the Virtual Campus at Assignments. Written part – technical brief + R.L.U. from the project theme, Urban Planning Project 1	70%
	L:		
	P:		
	Pr:		
	Tc-R¹⁴:		
10.6 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified ¹⁵)			
<ul style="list-style-type: none"> Evaluarea este distribuită, și distinctă pentru curs și seminar, cu pondere în nota finală. Nota 5 este condiționată de predarea și susținerea conform calendarului propus a materialelor cerute urmărind un nivel mediu de rezolvare a cerințelor. Media ponderată a tuturor etapelor trebuie să fie minim 5 			

Date of completion

13.09.2020

**Course coordinator
(signature)**

**Coordinator of applied activities
(signature)**

**Head of Department
(signature)**

**Date of approval in the Faculty
Council ¹⁶**

**Dean
(signature)**

16.09.2020

¹⁴ Tc-R= Homework-Reports

¹⁵ For this point turn to "Ghid de completare a Fișei disciplinei" found at: http://www.upt.ro/img/files/2018-2019/calitate/Ghid_de_completare_fisa_disciplinei.pdf

¹⁶ The approval is preceded by discussing the study program's board's point of view with regards to the syllabus.