

SYLLABUS

1. Information about the program

1.1 Higher education institution	Politehnica University Timisoara
1.2 Faculty ¹ / Department ²	Architecture and unrbn 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	Urban Planning Principles/ DA						
2.2 Coordinator (holder) of course activities	lect. arh. Găman Marius Stelian						
2.3 Coordinator (holder) of applied activities ⁵	lect. arh. Găman Marius Stelian						
2.4 Year of study ⁶	1	2.5 Semester	2	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	2 8	3.3* seminar/laboratory/project	14
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			2
		Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays			3
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			28
		Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays			42
3.9 Total hrs./week ⁹	9				
3.9* Total hrs./semester	126				
3.10 No. of credits	5				

4. Prerequisites (where applicable)

4.1 Curriculum	•
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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), synthesis 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.

4.2 Competencies	•
5. Conditions (where applicable)	
5.1 of the course	<ul style="list-style-type: none"> • Support materials: laptop, video projector, projection screen, blackboard, classroom closed <ul style="list-style-type: none"> • In case this class takes place on-line, we shall use the Zoom platform (for the didactic activities), as well as the Virtual Campus (in order to publish didactic materials and communicate with students).
5.2 to conduct practical activities	<ul style="list-style-type: none"> • Seminar room, blackboard <ul style="list-style-type: none"> • In case this class takes place on-line, we shall use the Zoom platform (for the didactic activities), as well as the Virtual Campus (in order to publish didactic materials and communicate with students).

6. Specific competencies acquired through this discipline

Specific competencies	<ul style="list-style-type: none"> • Knowledge and understanding of concepts, theories and their evolution in urban planning as well as their proper use in professional and social communication
Professional competencies ascribed to the specific competencies	<ul style="list-style-type: none"> • C1 The ability to utilize advanced knowledge of history and theory in the field of urban and territorial planning in practice <ul style="list-style-type: none"> • C1.1 Advanced knowledge of theoretical findings in the field of urban and territorial planning, of its evolution throughout history, as well as the adequate utilization of a certain professional vocabulary in order to communicate with specialists from different fields • C1.2 The utilization of specialised theoretical knowledge in the field of urban and territorial planning in order to explain and interpret new situations, in broader contexts • C1.3 The integrated utilization of the theoretical apparatus regarding the field of urban and territorial planning, without having all the information required in order to solve new theoretical and practical problems • C1.4 The nuanced and pertinent utilization of evaluation methods and criteria in order to formulate opinions and substantiate constructive decisions, based on theoretical notions in the field of urban and territorial planning • C1.5 The utilization of established theoretical principles in the field of urban and territorial planning in order to elaborate professional specialised studies and analyses • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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

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Transversal competencies ascribed to the specific competencies	<ul style="list-style-type: none"> • Apply efficient and responsible work strategies, punctuality, seriousness and personal responsibility, based on the principles, norms and values of the professional ethics code • Integrate into a working group to carry out with accountability the role assigned to the design team; solving their own professional tasks, as well as developing their organizational, collaborative and teamwork skills and levels and subordinates

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"> • Familiarizing students with urban theories, policies and practices that influence the urban tissue • Acquiring the capacity to use the knowledge gained in previous disciplines for the purposes of interpretation and explanation of problems posed by modern theories of urban planning. • Acquiring the ability to select relevant information from the bibliographical data. • Acquiring the ability to assess and issue judgements regarding selected information
7.2 Specific objectives	<ul style="list-style-type: none"> • Understanding the historical, political, socio-economic, cultural and philosophical context that determined certain urban gestures; • Identifying and acknowledging the urban operations and elements that characterize each of the urban theories, policies and practices that influence the urban tissue

8. Content

8.1 Course	Number of hours	Teaching methods
The features of sustainable development	1	Exposition, conversation, debate, problem identification Online - Audio-video lecture (predominant), accompanied by description & explanations and case study
New Urbanism developments	2	
Traditional Neighborhood Development (TND)	1	
Transit Oriented Development (TOD)	1	
Urban Regeneration principles	1	
Urban Regeneration of historical areas	1	
Urban Regeneration of former industrial areas	2	
Urban Regeneration of former port areas	2	
Urban Regeneration by hosting major events	2	
Sustainable European urban development	1	

Bibliography¹⁰

- 1 M. Nicolaidis, *Suburb Reader*, Routledge, 2006
- 2 Chris Couch, Gerhard Petschel-H, *Urban Sprawl in Europe*, Blackwell Publishing Ltd, ISBN: 978-1-4051-3917-5, 2007
- 3 Găman Marius Stelian, *Metodologia de cuantificare a sustenabilității mediului construit și strategii de intervenție*, Editura Politehnica Timisoara, 2015
- 4 Peter Katz, *The New Urbanism: Toward an Architecture of Community*, McGraw-Hill Education, ISBN: 978-0070338890, 1993
- 5 Eric Firley, Katharina Groen, *The Urban Masterplanning Handbook*, ISBN: 978-0-470-97225-0, 2013
- 6 Carol Berens, *Redeveloping Industrial Sites : A Guide for Architects, Planners, and Developers*, Carol Berens (1672), 2010
- 7 Bryony Roberts, *Tabula Plena Forms of Urban Preservation*, Lars Müller Publishers, ISBN: 978-3-03778-491-4, 2016
- 8 Andrew Zimbalist, *Circus Maximus: The Economic Gamble Behind Hosting the Olympics and the World Cup*, Brookings Institution Press, ISBN 978-0815727248, 2016
- 9 Jelte Boeijenga, Jeroen Mensink, Joost Grootens, *Vinex Atlas*, Publisher:010, ISBN: 978-90-6450-594-2, 2008

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.

8.2 Applied activities ¹¹	Number of hours	Teaching methods
Exemplification of applied activity theme	1	Case study, observation, discussion, explanation, example, problem identification, problem solving Online - Audio-video lecture, topic presentation, accompanied by discussions, questions and explanations
Analysis of urban sprawl urban development in Romania	5	
Proposal for sustainable strategies for improving existing urban sprawl neighborhoods	6	
Report presentation	2	
Bibliography ¹² 1 G. Tachieva, Sprawl Repair Manual, Island Press, ISBN: 978-1-59726-731-1, 2010 2 Chris Couch, Gerhard Petschel-H, Urban Sprawl in Europe, Blackwell Publishing Ltd, ISBN: 978-1-4051-3917-5, 2007 3 Găman Marius Stelian, Metodologia de cuantificare a sustenabilității mediului construit și strategii de intervenție, Editura Politehnica Timisoara, 2015 4 Peter Katz, The New Urbanism: Toward an Architecture of Community, McGraw-Hill Education, ISBN: 978-0070338890, 1993		

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 contents of this course are conceived in accordance to the stipulations of OAR – Romanian Architects Order, as well as RUR – Register of Romanian Urban Planners

10. Evaluation

Type of activity	10.1 Evaluation criteria ¹³	10.2 Evaluation methods	10.3 Share of the final grade
10.4 Course	The answer to the theoretical topics from the course. Oral presentation	Oral evaluation, in physical or online system (using the Zoom platform and the Virtual Campus)	50%
10.5 Applied activities	S: Analyzing the way in which the theoretical notions presented in the course are implemented within some realized urbanism projects. Making maps with the marking of the various principles identified in the analyzed neighborhoods. Argumentation of the findings.	Portfolio of analyzed maps, submitted physical or online (using the Virtual Campus) Oral presentation and debates on the presented material, in physical or online system (using the Zoom platform and the Virtual Campus)	50%
	L:		

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.)

	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"> • For grade 5 at the exam, the student must answer at least 4 questions out of 9 • For grade 5 at the seminar, the student must solve at least 40% of the problems identified in urban sprawl. 			

Date of completion

15.09.2020

**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.