

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	Urban Planning Project 2/DS						
2.2 Coordinator (holder) of course activities							
2.3 Coordinator (holder) of applied activities ⁵	Assoc. Prof. Arch. Branea Ana-Maria, PhD, Assist. Prof. Arch. Găman Marius, PhD						
2.4 Year of study ⁶	1	2.5 Semester	2	2.6 Type of evaluation	P-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		3.3 seminar/laboratory/project	3
3.1* Total number of hours fully assisted/sem.	42 ,of which:	3.2* course		3.3* seminar/laboratory/project	42
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 partially 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			2
		Study using a manual, course materials, bibliography and lecture notes			1
		Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays			3
3.8* Total number of hours of unassisted activities/ semester	84 ,of which:	Additional documentation in the library, on specialized electronic platforms, and on the field			28
		Study using a manual, course materials, bibliography and lecture notes			14
		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	8				

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	• -
5.2 to conduct practical activities	<ul style="list-style-type: none"> • Registration on Virtual Campus https://cv.upt.ro/course/view.php?id=2003, internet connection, 1 laptop / computer of students per team • The activity for this discipline consists in the design, in teams, of a project of urban regeneration of former industrial areas, going through the following stages: <ul style="list-style-type: none"> - analysis & strategy: consists in evaluating the urban and social context in the studied area, the case studies and regulations in force in that area, respectively the proposal of a regeneration strategy; for each project meeting, students will prepare in advance materials, which they will discuss and interpret during the hours allocated to the discipline, graphically representing the synthesized conclusions; - project in physical planning stage: consists in the design and detailing of the urban arrangement of the staging and detailing of some typical neighborhoods, in accordance with the strategic principles previously stated; for each project meeting, students will prepare in advance plans and conceptual drawings, which they will interpret and detail during the hours allocated to the discipline, graphically representing the synthesized conclusions and the actual planning proposals; <ul style="list-style-type: none"> • The project activity will be carried out in compliance with the mutually agreed schedule (between teachers and students) • The final materials are turned in through the Virtual Campus • In the online version, students will connect on Zoom

6. Specific competencies acquired through this discipline

Specific competencies	<ul style="list-style-type: none"> • Knowledge and understanding of concepts, theories of architecture and urban planning and their evolution over time, as well as their appropriate use in the development of an urban project • Understanding the link between urban problems, causes, typical solutions proposed and their long-term effects based on methods and criteria of analysis specific to the field • Ability to evaluate the quality, merits and limitations of projects, programs, concepts, methods and theories in the field of urbanism and create hypotheses about their success • Proposal design for the presented urban problems and the ability to argue them logically and objectively • Ability to correctly represent an urban project
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
Transversal competencies ascribed to the specific competencies	<ul style="list-style-type: none"> • CT3 The capacity to demonstrate creativity and initiative to undertake actions to update his / her professional, economical and organizational knowledge

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 the principles, stages and specific methods of developing an urban planning project, as well as with the actors involved in this process • Acquiring the ability to use the knowledge gained in previous disciplines to interpret and explain the problems posed by modern theories of urban planning.
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<ul style="list-style-type: none"> • Bibliography¹² Site Analysis, A Contextual Approach to Sustainable Land Planning and Site Design, James A. LaGro, John Wiley & Sons, 978-0-471-79798-2, 2008 • The Urban Master planning Handbook, Eric Firley and Katharina Grön, John Wiley & Sons, 978-1-118-49464-6, 2013 • Designing Cities, Leonhard Schenk, Birkhäuser, ISBN-13: 978-3034613255, 2013 • Vinex Atlas, Jelte Boeijenga, Jeroen Mensink, Joost Grootens, Publisher:010, ISBN: 978-90-6450-594-2, 2008 • Research Methods in Urban and Regional Planning, Xinhao Wang, Rainer vom Hofe, Springer, 978-3-540-49657-1, 2007 • Radu Radoslav, Ana-Maria Branea, Stefana Basescu, Marius Stelian Găman, Tudor Morar, Iasmina Nicolau, Organic Growth, Studies for territorial development, urbanism and urban design, Orizonturi universitare, 978-973-638-440-0, 2010 • Time-saver standards for urban design, Donald Watson, Alan J. Plattus, Robert G. Shibley, McGraw-Hill, 2003 • Rehabilitation through a holistic revitalization strategy of historical city centres- Timisoara, Romania, Radoslav Radu, Branea Ana-Maria, Găman Marius, Journal of cultural heritage, ISBN 12962074, DOI 10.1016/j. culher.2012.11.031, 2013 • Holistic urban sustainability analysis and measurement tool, Gaman, M. S.; Branea, A. M.; Badescu, S., 6th SWS International Scientific Conference on Social Sciences ISCSS 2019, ISBN: 978-619-7408-95-9, pag 351-358, DOI:10.5593/SWS.ISCSS.2019.5/S19.044 • Critical analysis of urban sustainability assessment frameworks, Gaman, M. S.; Branea, A. M.; Badescu, S., ., 6th SWS International Scientific Conference on Social Sciences ISCSS 2019, ISBN: 978-619-7408-95-9, pag 457-464, DOI:10.5593/sgemsocial2019V/6.1/S17.054 • Quality of life within collective housing neighbourhoods: the housing stock and the living conditions, Badescu, S.; Branea, A. M.; Gaman, M. S., 6th SWS International Scientific Conference on Social Sciences ISCSS 2019, ISBN: 978-619-7408-95-9, pag 375-382, DOI:10.5593/SWS.ISCSS.2019.5/S19.047 		

9. Coroboration 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

<ul style="list-style-type: none"> • 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
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10. Evaluation

Type of activity	10.1 Evaluation criteria ¹³	10.2 Evaluation methods	10.3 Share of the final grade
10.4 Course			
10.5 Applied activities	S:		
	L:		
	P:		
	Pr: Performing a holistic urban analysis Reaching clear and well argued conclusions regarding the diagnosis of the existing situation Creative interpretation of urban circumstances to develop an intervention strategy Integration of strategic principles in the urban regeneration project, considering the principles of urban sustainability The degree of active participation of students in activities - the consistency of presenting a quality material	Development, delivery and presentation of an urban development project, in physical system or online (using the Zoom platform and the Virtual Campus)	50% 50%
	Tc-R¹⁴:		

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.)

10.6 Minimum performance standard (minimum amount of knowledge necessary to pass the discipline and the way in which this knowledge is verified¹⁵)

- The student must identify at least the major problems raised by the given context and must develop solutions to solve them (minor mistakes are accepted, if the main solution is correct)
- The student must apply the basic principles and methods for solving well-defined and specific design problems, under qualified assistance

Date of completion

10.09.2020

**Course coordinator
(signature)**

**Coordinator of applied activities
(signature)**

**Head of Department
(signature)**

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

16.09.2020

**Dean
(signature)**

¹⁴ Tc-R= Homework-Reports

¹⁵ For this point turn to "Ghid de completare a Fişei 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 redgards to the syllabus.