

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	Methods of Presentation in Urban Planning/ DS						
2.2 Coordinator (holder) of course activities	Lect.arch. Diana Giurea						
2.3 Coordinator (holder) of applied activities ⁵	Lect.arch. Diana Giurea						
2.4 Year of study ⁶	1	2.5 Semester	2	2.6 Type of evaluation	E	2.7 Regime of discipline ⁷	DO

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

3.1 Number of hours fully assisted/week	2	, of which:	3.2 course	1	3.3 seminar/laboratory/project	1
3.1* Total number of hours fully assisted/sem.	28	, of which:	3.2* course	14	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 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	3	, 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			
			Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays			
3.8* Total number of hours of unassisted activities/ semester	42	, 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			
			Preparation of seminars/ laboratories, homework, assignments, portfolios, and essays			
3.9 Total hrs./week ⁹	5					
3.9* Total hrs./semester	70					
3.10 No. of credits	4					

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), 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.

4.1 Curriculum	•
4.2 Competencies	• Familiarity with digital drawing tools
5. Conditions (where applicable)	
5.1 of the course	• -
5.2 to conduct practical activities	• -

6. Specific competencies acquired through this discipline

Specific competencies	<ul style="list-style-type: none"> Understanding, operating and developing graphical information using techniques and methods specific to urban planning and their accurate use within the professional and academic interdisciplinary communication
Professional competencies ascribed to the specific competencies	<ul style="list-style-type: none"> C5 The ability to utilize contemporary instruments in the field of urban and territorial planning C5.1 Advanced knowledge of methodological and practical developments regarding contemporary instruments of urban planning, as well as the adequate utilization of a certain professional vocabulary in order to communicate with specialists from different fields C5.2 The utilization of specialised knowledge regarding contemporary instruments of urban planning in order to explain and interpret new situations, in broader contexts C5.3 The integrated utilization of the methodological apparatus regarding contemporary instruments of urban planning, without having all the information required in order to solve new theoretical and practical problems C5.4 The nuanced and pertinent utilization of evaluation methods and criteria in order to formulate opinions and substantiate constructive decisions, utilizing contemporary instruments of urban planning C5.5 The utilization of contemporary instruments of urban planning in order to elaborate professional projects in the field of urban and territorial planning
Transversal competencies ascribed to the specific competencies	<ul style="list-style-type: none">

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"> Understanding digital tools as means of expressing sythetic information
7.2 Specific objectives	<ul style="list-style-type: none"> Acquiring the ability to express graphically professional projects using the established techniques and methods in the field of urbanism

8. Content

8.1 Course	Number of hours	Teaching methods
Introduction to the workflow of urban planning design stages and their graphic methods	1	Oral presentation, group discussions, online resources via virtual campus, face-to-face / online sessions
Modelling – two dimensional drawing in urbanism projects: working scale, drafting tools	1	
Modelling – two dimensional drawing in urbanism projects: layering information	1	
Modelling – three dimensional drawing in urbanism projects: elevations, sections, perspectives	1	
Modelling – three dimensional drawing in urbanism projects: layering information	1	
Rendering – technical and artistical drawings	2	
Rendering – concept diagrams	1	
Rendering (Photoshop) – surface texturing, image effects, collage	2	

Layouting (Photoshop) – structuring graphic information, layout composition	2	
Final project presentation	2	

Bibliography¹⁰

Lynch, Kevin Andrew ; Petrișor, Alexandru-Ionuț(trad.), Imaginea orașului, [s.n.], 2012
Radoslav, Radu(coord.), Studii urbane și de amenajare a teritoriului ; Studii de cercetare coordonate de CCUPT în cadrul predissertațiilor 2013-2014 și prediplomelor 2013: = Urban studies and spatial planning ; Research studies coordinated by RCUPT within the predissertations 2013-2014 and prediplomas 2013, Editura Politehnica, 2014
Baran, Irina, Architectural and urban planning elements,Editura Societății Academice "Matei-Teiu Botez", 2009
Broto, Carles ; Mostaedi, Arian(ed.), Urbanism, Instituto Monsa de Ediciones, 2000
Diana Giurea, Porozitatea formelor arhitecturale organice, Editura Politehnica, Timișoara, 2016, ISBN 978-6063500459
A.A. Anghel, C. Milincu, D. Giurea, I. Mohora, A.D. Preda (Hapenciuc), F.M. Frigura-Iliasa, "New Tools for teaching Smart Design", conferinta stiintifica, ICERI 2019, 12th International Conference of Education, Research and Innovation, November 11th-13th, 2019 — Seville, Spain ICERI 2019 Proceedings, ISBN 978-84-09-14755-7, ISSN 2340-1095, Published by IATED Academy, Edited by L. Gómez Chova, A. López Martínez, I. Candel Torres [ISI-WEB OF SCIENCE]
Anamaria Andreea Anghel, Diana Giurea, Camil Milincu, Irina Mohora, Alma-Dia Preda, Flaviu Mihai Frigura-Iliasa, "MODGREW" Intelligent Green Walls For Public Areas", conferinta stintifica, 9 th International Conference on Energy and Environment CIEM 2019, Timisoara, Romania. [SCOPUS]
AA Anghel, I Mohora, AD Preda, D Giurea, FM Frigura-Iliasa, "ENVIRONMENTAL TENDENCIES IN MODULAR GREEN INSTALLATIONS", jurnal, Journal of Green Building 14 (4), 195-221, Published Fal 2019 [ISI-WEB OF SCIENCE]
Anamaria Andreea Anghel, Irina Mohora, Flaviu Mihai Frigura-Iliasa, Diana Giurea, Alma-Dia Preda (Hapenciuc), Camil Milincu, "Smart Responsive Green Walls for Public Transportation Areas in Timisoara", conferinta stiintifica, EEEIC 2019 Genova, Italy, DOI: 10.1109/EEEIC.2019.8783698, Conference: 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) [ISI-WEB OF SCIENCE]

8.2 Applied activities ¹¹	Number of hours	Teaching methods
Case study – urban planning project – concept diagrams	2	Oral presentation, discussions 1:1, online resources via virtual campus, face-to-face / online sessions
Case study – urban planning project - modeling	3	
Case study – urban planning project - rendering	3	
Case study – urban planning project – poster presentation	3	

Bibliography¹²

Lynch, Kevin Andrew ; Petrișor, Alexandru-Ionuț(trad.), Imaginea orașului, [s.n.], 2012
Radoslav, Radu(coord.), Studii urbane și de amenajare a teritoriului ; Studii de cercetare coordonate de CCUPT în cadrul predissertațiilor 2013-2014 și prediplomelor 2013: = Urban studies and spatial planning ; Research studies coordinated by RCUPT within the predissertations 2013-2014 and prediplomas 2013, Editura Politehnica, 2014
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Anamaria Andreea Anghel, Irina Mohora, Flaviu Mihai Frigura-Iliasa, Diana Giurea, Alma-Dia Preda (Hapenciuc), Camil Milincu, "Smart Responsive Green Walls for Public Transportation Areas in Timisoara", conferinta stiintifica, EEEIC 2019 Genova, Italy, DOI: 10.1109/EEEIC.2019.8783698, Conference: 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) [ISI-WEB OF SCIENCE]

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.

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.

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

- 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 level of knowledge regarding the use of digital tools as means of representation Clarity and coherence of the use of digital representation methods	Oral face-to-face/ online exam	50%
10.5 Applied activities	S: The variety of digital tools used of modeling, rendering and layouting	3 drawing paper submission which illustrate 3 stages: modeling, rendering and layouting Online submissions	50%
	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"> • Grade 5 is achieved when the student must is able to design two dimensional and three dimensional models of an urban planning project, using specific software basic tools of graphic representation. 			

Date of completion

7.09.2020

**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

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.)

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 regards to the syllabus.