

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	Research methods and techniques in urban planning/DA						
2.2 Coordinator (holder) of course activities	Assoc. Prof. Arch. Branea Ana-Maria, PhD						
2.3 Coordinator (holder) of applied activities ⁵	Assist. Prof. Arch. Marius Găman, PhD						
2.4 Year of study ⁶	2	2.5 Semester	3	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	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	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 unassisted 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	6				

4. Prerequisites (where applicable)

4.1 Curriculum	•
4.2 Competencies	•

5. Conditions (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.

5.1 of the course	<ul style="list-style-type: none"> Classroom with blackout blinds, projector, blackboards, registration on the virtual Campus, internet connection
5.2 to conduct practical activities	<ul style="list-style-type: none"> Registration on Virtual Campus, internet connection, 1 student owned laptop / computer per team

6. Specific competencies acquired through this discipline

Specific competencies	<ul style="list-style-type: none"> Knowledge and understanding of research methods and techniques in urbanism and their correct application in the academic and professional environment
Professional competencies ascribed to the specific competencies	<ul style="list-style-type: none"> C4 The capacity to substantiate a decision based on a multi-criteria applied research in the field of urban and territorial planning <ul style="list-style-type: none"> C4.1 Advanced knowledge of theoretical and methodological developments regarding multi-criteria applied research 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 C4.2 The utilization of specialised knowledge regarding multi-criteria applied research in the field of urban and territorial planning in order to explain and interpret new situations, in broader contexts C4.3 The integrated utilization of the theoretical and methodological apparatus regarding multi-criteria applied research in the field of urban and territorial planning, without having all the information required in order to solve new theoretical and practical problems C4.4 The nuanced and pertinent utilization of evaluation methods and criteria in order to formulate opinions and substantiate constructive decisions, based on multi-criteria applied research in the field of urban and territorial planning C4.5 The utilization of multi-criteria applied research in order to elaborate professional studies and projects in the field of urban and territorial planning C5 The ability to utilize contemporary instruments in the field of urban and territorial planning <ul style="list-style-type: none"> 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"> 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 research methodologies in urbanism Acquiring the ability to use the knowledge acquired in previous disciplines in order to interpret and explain the problems raised by modern theories of urban planning. Acquiring the ability to select relevant information from bibliographic sources. Acquiring the ability to evaluate and make judgments regarding selected
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	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; • Acquiring the ability to use urban research methods and techniques to analyze a specific area

8. Content

8.1 Course	Number of hours	Teaching methods
Research epistemology	2	Presentation: description, explanation, case study Collective debate / discussion didactic conversation, based on PowerPoint presentations, containing demonstrations and examples Presentations and discussions organized through ZOOM +CAMPUS VIRTUAL https://cv.upt.ro/course/view.php?id=2004 Forum discussions on topics and uploaded materials
Research design	4	
Application and limitations of qualitative research methods	4	
Application and limitations of quantitative research methods	4	
Applied methodology	4	
Demographic analysis	2	
Land use analysis	4	
Dissemination of research results	4	
<ul style="list-style-type: none"> • Bibliography¹⁰ The Routledge Handbook of Planning Research Methods, Edited by Elisabete A. Silva, Patsy Healey, Neil Harris, and Pieter Van den Broeck, Routledge, Taylor & Francis Group, 978-1-315-85188-4, 2015 • Research Methods in Urban and Regional Planning, Xinhao Wang, Rainer vom Hofe, Springer, 978-3-540-49657-1, 2007 • Research methods Handbook, Stuard MacDonald, Nicola Headlam, 2009 • 100 Activities for Teaching Research Methods, Catherine Dawson, ISBN13 9781473946293, Sage, 2016 • A-Z of Digital Research Methods, Catherine Dawson, ISBN 9781138486805, Routledge, 2020 • 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 		
8.2 Applied activities¹¹	Number of hours	Teaching methods
Presentation of the topics of applied activities - planning the research on a chosen topic	2	Case study, observation, discussion, explanation, problem identification Presentations and discussions organized through ZOOM Teaching using Virtual Campus
Research design for a chosen topic	6	
Guided research using the taught methods	6	

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:”.

- Bibliography¹² 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
- Research methods Handbook, Stuard MacDonald, Nicola Headlam, 2009
- 100 Activities for Teaching Research Methods, Catherine Dawson, ISBN13 9781473946293, Sage, 2016
- A-Z of Digital Research Methods, Catherine Dawson, ISBN 9781138486805, Routledge, 2020

Time-saver standards for urban design, Donald Watson, Alan J. Plattus, Robert G. Shibley, McGraw-Hill, 2003

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	Knowledge of terminology, research methods. Ability to explain and apply the research methods taught. Ability to explain and compare the selection of methods appropriate to a given situation and the advantages and disadvantages	Oral exam – using Zoom in the online version	50%
10.5 Applied activities	S: Accuracy and quality of research Ability to present, explain, argue and compare the selection of methods appropriate to a given situation and the advantages and disadvantages	Written paper - research planning Turned in through I Campus Virtua	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 verified¹⁵			
<ul style="list-style-type: none"> • The student must identify the appropriate research method and technique for a particular problem and be able to develop a research strategy (minor mistakes are accepted, if the main solution is correct) • Correct answers to at least 50% of the subjects in the oral exam 			

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

Dean
(signature)

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.)

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.

16.09.2020