

Course/studio syllabi

1. Data on the study programme

1.1 Institution	Technical University of Cluj-Napoca
1.2 Faculty	Architecture and Urban Planning
1.3 Department	Urban Planning and Technical Sciences
1.4 Domain	Architecture
1.5 University level	Licence and master's degree
1.6 Study programme/Qualification	Architecture
1.7 Form of studies	IF – on-site full-time studies
1.8 Course / studio code	58.10

2. Data on the course

2.1 Name of the course	URBAN COMPOSITION		
2.2 Course/ Studio Head	Assistant Professor Andreea Paraschiva MILEA		
2.3 Head of seminary/ laboratory/ studio	-		
2.4 Study year	4	2.5 Semester	2
		2.6 Type of evaluation	colloquy
2.7 Course /studio regime	Formative category: fundamental (DF)/ linked to the domain (DD)/ specific (DS)/ complementary (DC)		DU
	Compulsory (DI)/ Optional/ (DOp)/ Voluntary (DFac)		DA

3. Total estimated time

3.1 Number of hours/week	2	out of which:	3.2 Course	2	3.3 Seminary	-	3.3 Laboratory	-	3.3 Project	-
3.4 Number of hours/semester	50	out of which:	3.5 Course	28	3.6 Seminary	-	3.6 Laboratory	-	3.6 Project	-
3.7 Distribution of time (hours)/ semester for:										
(a) Individual study supported by course textbook, course text, bibliography, and notes										6
(b) Supplementary study in the library, online, and on site										7
(c) Preparation for seminars/ laboratories/ assignments, reports, portfolios, and essays										7
(d) Tutoring										2
(e) Examination										-
(f) Other activities										-
3.8 Total hours of individual study (sum (3.7(a)...3.7(f)))				22						
3.9 Total semestrial hours (3.4+3.8)				50						
3.10 Number of credits				2						

4. Preconditions (where applicable)

4.1 curriculum preconditions	-
4.2 competence preconditions	Competences acquired by completing the compulsory courses of: <i>Environmental aspects in urban planning, Residential planning, Urban design foundation, and Urban structures</i> might form a basis for a good understanding of the concepts discussed in the <i>Urban Composition</i> course.

5. Conditions (where applicable)

5.1. for the course	On site , as scheduled. For sharing information and documents, the Teams platform will be used, where the
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	<p>page of the discipline will be created within the IVth study year team.</p> <p>Attending the lecture is mandatory at a rate of 50%, by decision of the FAU Council and in accordance with the TUCN ECTS Regulation. Students who do not meet the mandatory attendance at the end of the semester, will not be evaluated in any of the sessions of the current academic year, and the discipline will be re-contractable in a subsequent academic year.</p>
5.2. for the seminary	-

6. Specific competencies

DESIGN	<ul style="list-style-type: none"> • Ability to engage imagination, think creatively, innovate and provide design leadership • Ability to gather information, define problems, apply analyses and critical judgement, and formulate strategies for action • Ability to think three-dimensionally in the exploration of design • Ability to reconcile divergent factors, integrate knowledge and apply skills in the creation of a design solution
KNOWLEDGE	<ul style="list-style-type: none"> • Ability to act with knowledge of historical and cultural precedents in local and world architecture • Understanding of the social context in which built environments are procured, of ergonomic and space requirements and issues of equity and access • Awareness of philosophy, politics, and ethics as these are related to architecture • Ability to act with knowledge of natural systems and built environments • Awareness of the history and practice of landscape architecture, urban design, as well as territorial and national planning and their relationship to local and global demography and resources. • Knowledge and experimentation of design theory and methods • Knowledge of design precedents and architectural criticism • Ability to work effectively across scales
SKILLS	<ul style="list-style-type: none"> • Ability to act and to communicate ideas through collaboration, speaking, numeracy, writing, drawing, modelling and evaluation

7. Objectives of the discipline

7.1 General objective of the discipline	<ul style="list-style-type: none"> • Knowledge of the formal aspects to be considered in urban planning and design.
7.2 Specific objectives	<ul style="list-style-type: none"> • Ability to create architectural designs that satisfy both aesthetic and technical requirements • Adequate knowledge of the history and theories of architecture and the related arts, technologies, and human sciences • Adequate knowledge of urban design, planning and the skills involved in the planning process • Understanding of the relationship between people and buildings, and between buildings and their environment, and of the need to relate buildings and the spaces between them to human needs and scale

8. Content/Syllabi

8.1 Course	No. of hours	Teaching methods	Notes
C1 introductory notions	2	Lectures accompanied by projections.	Students are encouraged to participate in the discussion of topics comparable to those that will be addressed in the colloquium.
C2 form and space	2		
C3 principles of composition	2		
C4 the organic model	2		
C5 the grid model	2		
C6 the diagrammatic model	2		
C7 the monumental model	2		
C8 public space: piazza	2		
C9 public place: street	2		
C10 public space: park	2		
C11 urban divisions	2		
C12 city edge	2		
C13 urban skyline	2		
C14 colloquy	2		
NOTE: continuous updating of the material may lead to minor changes in content or ordering.			
REQUIRED BIBLIOGRAPHY:			
Course support: delivered to students in digital format throughout the semester.			
RECOMMENDED BIBLIOGRAPHY:			
Titles in UTCN Library:			
CHING, Francis D.K.: <i>Architecture: form, space, and order</i> (Hoboken NJ: John Wiley and Sons, 2007) no. 528.179 (1 specimen)			
GEHL, Jan: <i>Viața între clădiri: utilizările spațiului public</i> (București: Igloo media, 2011) no. 544.829 (1 specimen)			
GIOVANNONI, Gustavo: <i>Orașele vechi și noul urbanism</i> (București: Gemma Total Advertising, 2016) no. 548.374 (2 specimens)			
HART, Julian: <i>Towns and Cities: Function in Form: urban structures, economics and society</i> (Abingdon, OX; New York; London: Routledge, 2016) no. 564.605 (1 specimen)			
KASPRISIN, Ron: <i>Urban design: the composition of complexity</i> (London, New York: Routledge, 2011) no. 537.906 (1 specimen)			
KOSTOF, Spiro: <i>The city assembled: the elements of urban form through history</i> (London: Thames and Hudson, 2004) no. 514.718 (1 specimen)			
KOSTOF, Spiro: <i>The city shaped: urban patterns and meanings through history</i> (London: Thames and Hudson, 2001) no. 515.423 (1 specimen)			
LYNCH, Kevin: <i>The image of the city</i> (Cambridge MA, London: MIT Press, 1977) no. 548.088 (1 specimen)			
Other titles:			
CHILDS, Mark C.: <i>Urban Composition. Developing Community through Design</i> (New York: Princeton Architectural Press: 2012)			
RENNER, Robin: <i>Urban Being. Anatomy & Identity of the City</i> (Salenstein: Niggli, Braun Publishing AG: 2018)			
8.2 Seminary / laboratory / project	No. of hours	Teaching methods	Notes
-	-	-	-
Bibliography			

9. Harmonizing the content of the discipline with the expectations of the epistemic community, the professional associations, and representative employers

The competencies achieved across the course contribute to the consolidation of the professional culture necessary for the profession and to the integrated use of theory and practice.

10. Assessment

Type of activity	10.1 Evaluation criteria	10.2 Assessment method	10.3 Calculation of final grade
10.4 Course	-	-	1 point by default
	The relevance and quality of the oral discussion	Oral discussion about 3 of the theoretical topics covered during the semester	9 points at most (3 topics x 3 point at most for each topic)
	Calculation of the final grade: the sum of the points obtained through the evaluation methods described above.		
10.5 Seminary / Laboratory	-	-	-
10.6 Minimal standard for passing			
Accumulation of 5 points.			

Date :	Head of course	Title, Name, Surname	Signature
14.07.2023	Course	Assoc. Prof. PhD arch. Andreea Paraschiva Milea	
	Seminary/Lab	-	-

Date of validation by the Department Council: _____	Chief of Department Assoc. Prof. PhD arch. Vlad RUSU
Data of approval in the Faculty Council: _____	Dean Assoc. Prof. PhD arch. Dragoş Şerban Ion ȚIGĂNAŞ